

Supplemental Data

Identification of *IRF8*, *TMEM39A*, and *IKZF3-ZPBP2* as Susceptibility Loci for Systemic Lupus Erythematosus in a Large-Scale Multiracial Replication Study

Christopher J. Lessard, Indra Adrianto, John A. Ice, Graham B. Wiley, Jennifer A. Kelly, Stuart B. Glenn, Adam J. Adler, He Li, Astrid Rasmussen, Adrienne H. Williams, Julie Ziegler, Mary E. Comeau, Miranda Marion, Benjamin E. Wakeland, Chaoying Liang, Paula S. Ramos, Kiely M. Grundahl, Caroline J. Gallant, Marta E. Alarcón-Riquelme for the BIOLUPUS, and GENLES Networks, Graciela S. Alarcón, Juan-Manuel Anaya, Sang-Cheol Bae, Susan A. Boackle, Elizabeth E. Brown, Deh-Ming Chang Soo-Kyung Cho, Lindsey A. Criswell, Jeffrey C. Edberg, Barry I. Freedman, Gary S. Gilkeson, Chaim O. Jacob, Judith A. James, Diane L. Kamen, Robert P. Kimberly, Jae-Hoon Kim, Javier Martin, Joan T. Merrill, Timothy B. Niewold, So-Yeon Park, Michelle A. Petri, Bernardo A. Pons-Estel, Rosalind Ramsey-Goldman, John D. Reville, R. Hal Scofield, Yeong Wook Song, Anne M. Stevens, Betty P. Tsao, Luis M. Vila, Timothy J. Vyse, Chack-Yung Yu, Joel M. Guthridge, Kenneth M. Kaufman, John B. Harley, Edward K. Wakeland, Carl D. Langefeld, Patrick M. Gaffney, Courtney G. Montgomery, and Kathy L. Moser

Supplemental Acknowledgments

Support for this work was obtained from the US National Institutes of Health grants: R01 AI063274 (P.M.G.), R01 AI070983 (S.A.B.), N01 AR62277 (K.L.M and J.B.H.), R3724717 (J.B.H.), AR042460 (J.B.H.), R01 AR043274 (K.L.M.), P01 AR49084 (R.P.K. and E.E.B), P01 AI083194 (J.B.H.), R01 AR33062 (R.P.K.), P30 AR055385 (E.E.B), LRP AI071651 (T.B.N.), R01 CA141700 (M.E.A.R.), RC1 AR058621 (M.E.A.R.), P20 RR020143 (J.B.H.), R01 AR051545-01A2 (A.M.S.), UL1 RR024999 (T.B.N.), K24 AR002138 (R.R.G.), P60 2 AR30692 (R.R.G.), P01 AR49084 (R.R.G.), UL1 RR025741 (R.R.G.), P30 RR031152 (J.A.J. and J.M.G.), P30 AR053483 (J.A.J and J.M.G), N01 AI50026 (J.A.J and J.M.G), K08 AI083790 (T.B.N.), R21 AI070304 (S.A.B.), 1U54 RR23417-01 (J.D.R.), R01 AR43814 (B.P.T.), P20 RR015577 (J.A.J), P60 AR053308 (L.A.C.), M01 RR-00079 (L.A.C.), R01 AR054459 (C.Y.Y), P60 AR049459 (G.S.G. and D.L.K.), and UL1 RR029882 (G.S.G. and D.L.K.). This study was also supported by grants from Lupus Research Institute (T.B.N.), The Alliance for Lupus Research (K.L.M., T.B.N., L.A.C., M.E.A.R., and C.O.J.), the Korea Healthcare Technology R&D Project, Ministry for Health and Welfare, Republic of Korea (A080588; S.C.B.), the Arthritis National Research Foundation Eng Tan Scholar Award (T.B.N.), the Merit Award from the US Department of Veterans Affairs (J.B.H. and G.S.G.), and the Arthritis Foundation (A.M.S and P.M.G.). Additional funding was awarded from the Swedish Research Council, Swedish Association Against Rheumatism, the King Gustaf Vth 80th Jubilee Foundation, the Fundación Instituto de Salud Carlos III PS0900129 PS0900129 co-financed by FEDER funds of the European Union, the Consejería de Salud de Andalucía PI-0012, the Wenner Gren Foundation for support (C.G.), Arthritis Research UK (T.J.V.), the Wellcome Trust (T.J.V.), CTSA Grant Number I ULI RR025014-02 (A.M.S.) from the National Center for Research Resources (NCRR), Kirkland Scholar Award (L.A.C. and

J.A.J.), and Wake Forest University Health Sciences Center for Public Health Genomics (C.D.L., M.C.C., M.C.M, and P.S.R). The work reported on in this publication has been in part financially supported by the ESF, in the framework of the Research Networking Programme European Science Foundation - The Identification of Novel Genes and Biomarkers for Systemic Lupus Erythematosus (BIOLUPUS)" 07-RNP-083. Work was supported by the Federico Wilhelm Agricola Foundation Research grant (B.P.E.). Support was also obtained by a grant from Korean R&D program of MKE/KEIT (10035615; Y.W.S.) and the Oklahoma Medical Research Foundation Barrett Award Predoctoral Scholarship Fund award (C.J.L.).

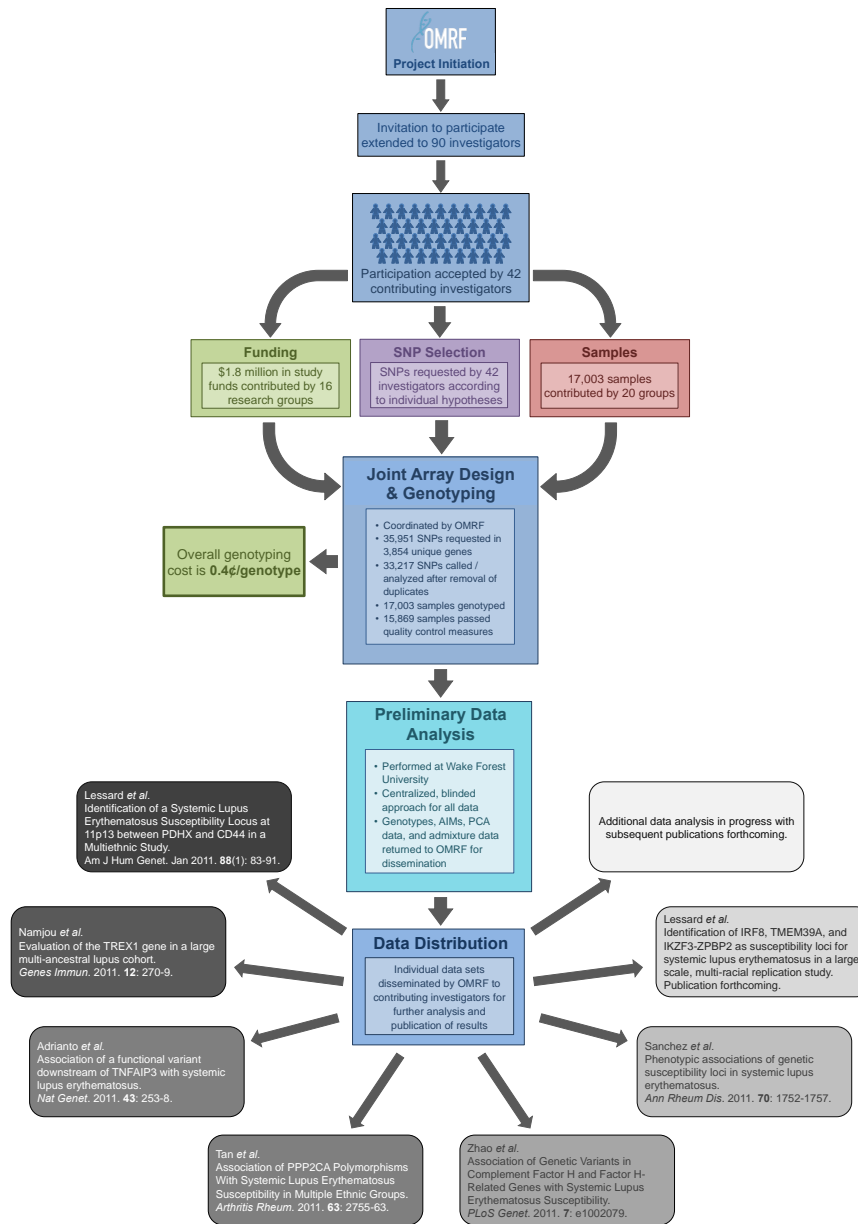


Figure S1. Study Design for the Large Lupus Association Study 2 (LLAS2)

This flow-chart diagrams the study design for LLAS2, a consortium in which resources, samples, and funds were pooled to create a custom genotyping array that allowed 42 independent investigators to test individual scientific hypotheses in a large cohort of shared SLE patients. As a result, this collaborative effort resulted in significant reductions in the cost per genotype while preserving the autonomy of the investigators.

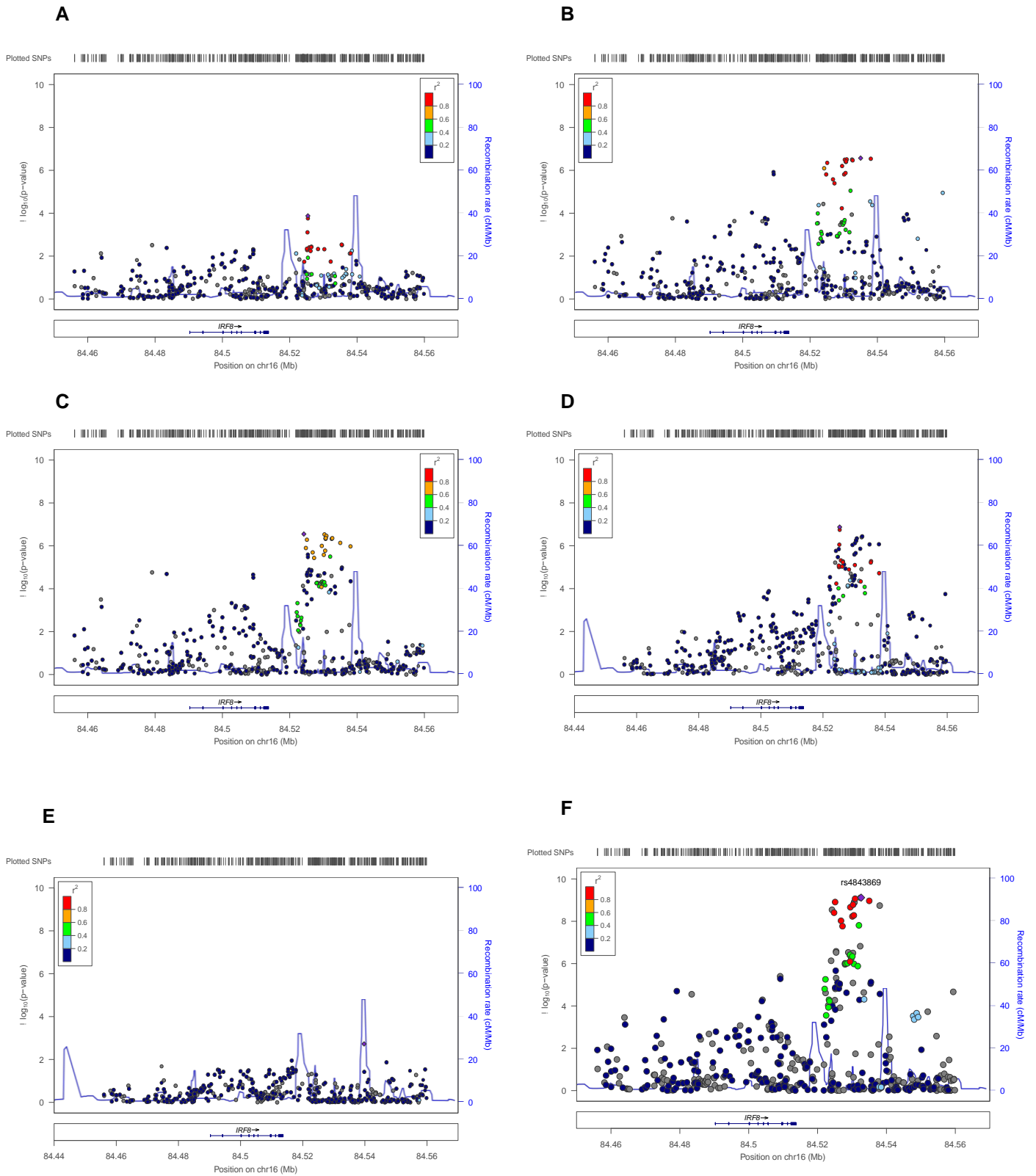


Figure S2. Summary of Results after Conditional Analyses

European associations with *IRF8* and SLE after adjusting for rs4843869 (A); rs450443 (B); rs11117427 (C); rs8046526 (D); rs4843869, rs450443, and rs8046526 (E); and unadjusted (F).

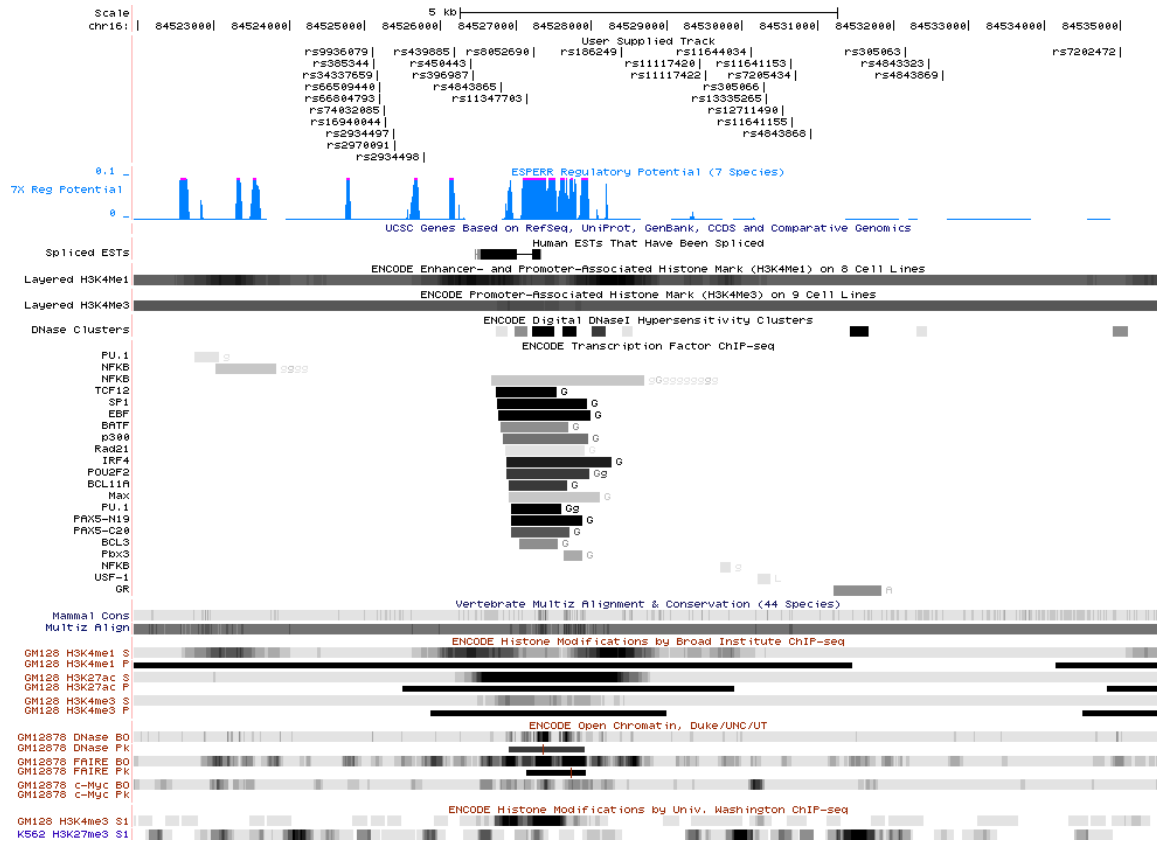


Figure S3. Genomic Features in the *IRF8* Region of Association Bound by rs9936079 and rs7202472 Demonstrating Association with SLE

Note that EST stands for expressed sequence tag. For the ENCODE Histone Modification by Broad Institute ChIP-seq and Univ. Washington ChIP-seq, the first abbreviation stands for the cell line (e.g. GM128=GM12878 cell line), the second abbreviation stands for the antibody used (e.g. H3K4me1=histone H3, monomethyl K4), and the third abbreviations stands for signal (S or S1) or peak (P). For the ENCODE Open Chromatin, Duke/UNC/UT, the first abbreviation stands for the cell line (GM12878=GM12878 *Tier 1* cell line), the second abbreviation stands for the experimant (e.g. DNase=DNase-seq), and the third abbreviation stands for signal (BO=base overlap) or peak (Pk).

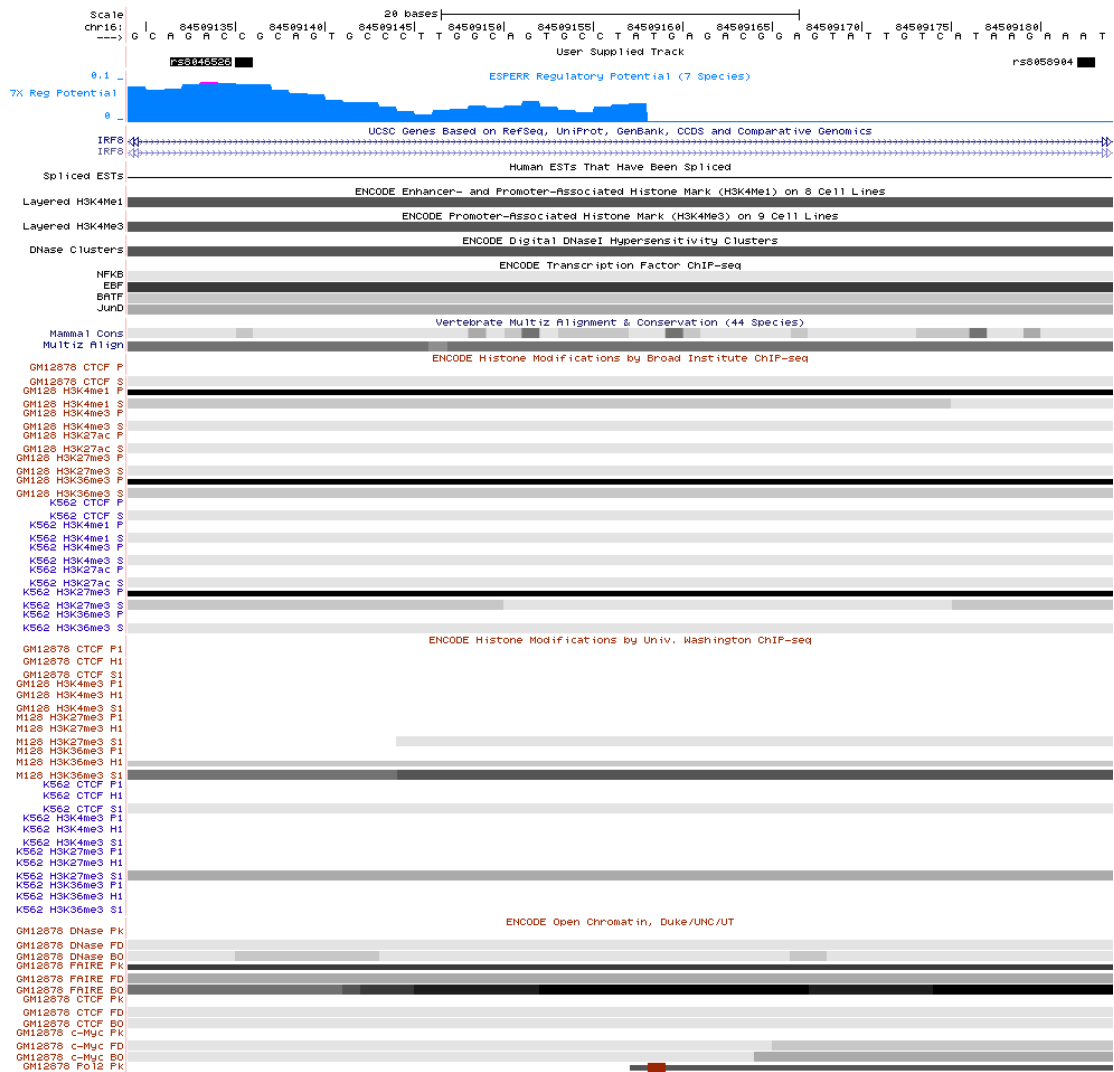
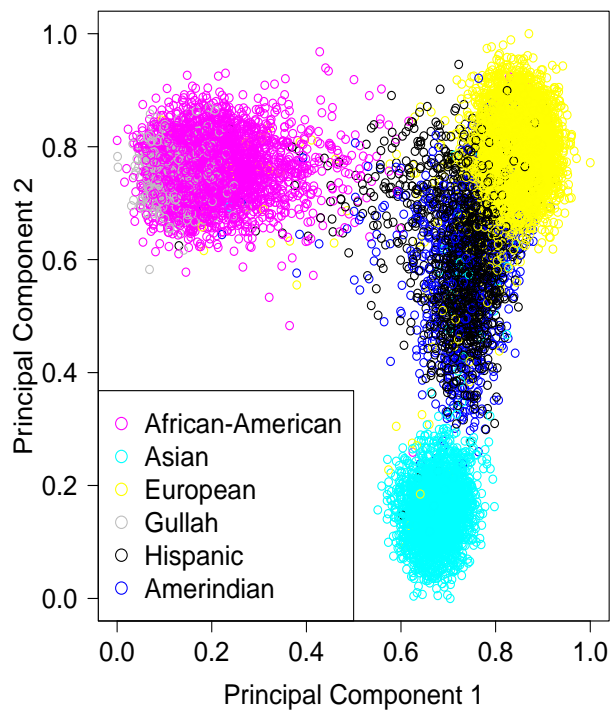


Figure S4. Genomic Features in the *IRF8* Region Bound by rs8046526 and rs8058904

Note that EST stands for expressed sequence tag. For the ENCODE Histone Modification by Broad Institute ChIP-seq and Univ. Washington ChIP-seq, the first abbreviation stands for the cell line (e.g. GM128=GM12878 cell line), the second abbreviation stands for the antibody used (e.g. H3K4me1=histone H3, monomethyl K4), and the third abbreviations stands for signal (S or S), peak (P), or hotspot (H). The number following S, P, or H refers to the rank (1st or 2nd). For the ENCODE Open Chromatin, Duke/UNC/UT, the first abbreviation stands for the cell line (GM12878=GM12878 *Tier 1* cell line), the second abbreviation stands for the experiment (e.g. DNase=DNase-seq), and the third abbreviation stands for signal (BO=base overlap) or peak (Pk).

A



B

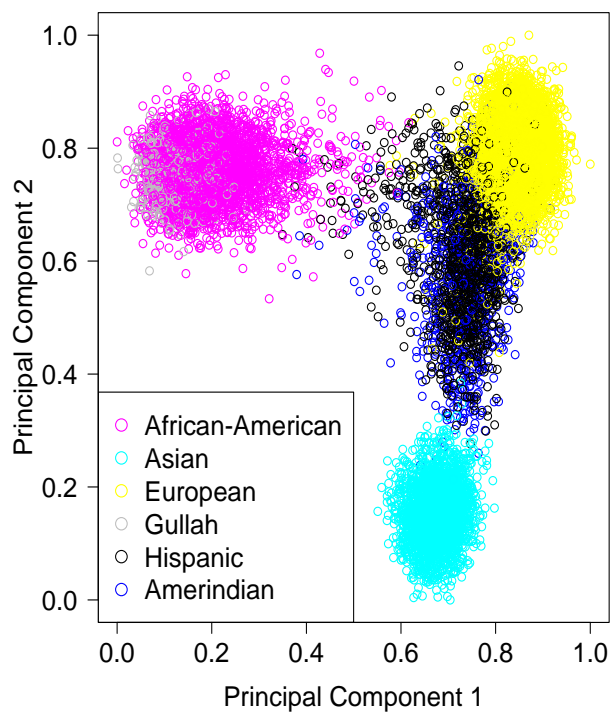


Figure S6. Plots of the First Two Principal Components before (A) and after (B) Quality Control

Table S1. Summary of Samples Genotyped

Populations	Number of Samples	Case	Control	Unknown Disease Status	Male	Female	Unknown Gender
African-Americans	3,462	1,569	1,893	0	723	2,733	6
Asians	2,676	1,328	1,348	0	296	2,380	0
Europeans	8,066	4,248	3,818	0	1,642	6,403	21
Gullah	286	155	131	0	34	252	0
Hispanics	1,383	1,033	350	0	160	1,222	1
Amerindians	1,126	589	537	0	67	1,057	2
Unknown	4	0	0	4	0	4	0
Total	17,003	8,922	8,077	4	2,922	14,051	30

Table S2. Summary of Dropped Samples after Quality Control

Population	PC or ADMIXMAP Outlier	Relative or Duplicate	Heterozygosity Outlier	Unknown Disease Status	Low Call Rate	Gender Discrepancy	Total
European-ancestry	51	138	4	0	335	111	639
Asian	39	50	2	0	43	17	151
African-American	30	57	4	0	17	16	124
Gullah	1	8	1	0	1	0	11
Hispanic	9	21	0	0	45	11	86
Amerindian	8	65	1	0	40	10	124
Unknown	0	0	0	4	0	0	4
Total	138	339	12	4	481	165	1139

Table S3. Summary of Samples Remaining after Quality Control for Analysis

Populations	Number of Samples	Case	Control	Unknown Disease Status	Male	Female	Unknown Gender
African-Americans	3,338	1,527	1,811	0	695	2643	0
Asians	2,525	1,265	1,260	0	253	2,272	0
Europeans	7,053 (7,427) ^a	3,562 (3,936) ^a	3,491	0	1,495	5,932	0
Gullah	275	152	123	0	33	242	0
Hispanics	1,297	961	336	0	149	1,148	0
Amerindians	1,002	531	471	0	58	944	0
Unknown	0	0	0	0	0	0	0
Total	15,490 (15,864) ^a	7,998 (8,372) ^a	7,492	0	2,683	13,181	0

^aNumber of European cases before removing 374 samples to render replication independent from GWAS

Table S4. IRF8—Observed Data for All Races

SNP	Position (bp)	European				African-American				Asian				Gullah				Hispanic				Amerindian			
		alleles (maj/min)	MAF case/control	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/control	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/control	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/control	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/control	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/control	P	OR (95%CI) ^b
rs305082	84494479	A/G	0.170/1.27	2.37E-01	0.95 (0.86-1.04)	G/A	0.470/0.48	3.77E-01	0.96 (0.86-1.06)	A/G	0.110/1.20	2.84E-01	1.1 (0.92-1.32)	G/A	0.440/0.47	4.01E-01	0.86 (0.6-1.23)	A/G	0.190/1.19	9.11E-01	0.99 (0.83-1.18)	A/G	0.170/1.14	5.40E-01	1.13 (0.77-1.64)
rs11862450	84494534	-	-	-	-	G/C	0.030/0.02	1.71E-01	1.25 (0.91-1.72)	-	-	-	-	G/C	0.030/0.04	3.55E-01	0.63 (0.24-1.67)	-	-	-	-	-	-	-	-
rs13300375	84495083	-	-	-	-	A/G	0.070/0.07	8.04E-01	0.97 (0.81-1.19)	-	-	-	-	A/G	0.080/0.07	6.14E-01	1.18 (0.62-2.27)	-	-	-	-	-	-	-	-
rs11865854	84495152	-	-	-	-	G/A	0.090/0.09	7.52E-01	0.97 (0.81-1.16)	-	-	-	-	G/A	0.100/0.10	9.61E-01	0.99 (0.56-1.75)	-	-	-	-	-	-	-	-
rs1182511	84495157	C/G	0.020/0.02	2.26E-01	1.17 (0.91-1.51)	C/G	0.090/0.10	2.56E-01	0.9 (0.76-1.08)	C/G	0.420/0.44	4.21E-01	0.95 (0.85-1.07)	C/G	0.080/0.10	4.43E-01	0.79 (0.43-1.45)	C/G	0.260/0.18	1.84E-02	1.25 (1.04-1.5)	C/G	0.300/0.35	9.64E-01	0.99 (0.72-1.36)
rs11642583	84496096	A/G	0.120/0.14	9.94E-04	0.84 (0.76-0.93)	A/C	0.220/0.22	8.21E-01	1.01 (0.9-1.14)	-	-	-	-	A/C	0.250/0.21	1.20E-01	1.29 (0.87-1.93)	A/C	0.120/0.12	3.89E-01	0.91 (0.73-1.13)	A/C	0.100/0.11	4.62E-01	0.85 (0.55-1.31)
rs9940980	84496182	G/A	0.120/0.14	2.22E-03	0.85 (0.77-0.94)	G/A	0.300/0.30	9.67E-01	1 (0.9-1.12)	-	-	-	-	A/G	0.330/0.29	2.21E-01	1.26 (0.87-1.82)	G/A	0.120/0.13	2.92E-01	0.89 (0.73-1.1)	G/A	0.120/0.12	6.22E-01	0.9 (0.59-1.39)
rs928664	84496256	A/G	0.120/0.14	2.16E-03	0.85 (0.77-0.94)	A/G	0.300/0.30	9.71E-01	1.01 (0.9-1.13)	-	-	-	-	A/G	0.320/0.29	2.97E-01	1.22 (0.84-1.77)	A/G	0.120/0.13	2.96E-01	0.89 (0.73-1.1)	A/G	0.120/0.12	6.07E-01	0.89 (0.58-1.37)
rs3794661	84497167	G/A	0.040/0.03	3.07E-03	1.32 (1.11-1.59)	G/A	0.020/0.02	1.47E-01	1.31 (0.91-1.9)	G/A	0.100/0.10	6.28E-01	1.05 (0.87-1.26)	G/A	0.020/0.02	4.81E-01	0.64 (0.19-2.2)	G/A	0.050/0.04	3.50E-01	1.17 (0.84-1.62)	G/A	0.030/0.01	8.16E-02	2.35 (0.9-6.16)
rs9938084	84497454	-	-	-	-	-	-	-	-	-	-	-	-	C/A	0.080/0.08	9.15E-01	0.97 (0.51-1.82)	-	-	-	-	-	-	-	-
rs305081	84498831	-	-	-	-	A/C	0.050/0.05	8.92E-01	1.02 (0.8-1.3)	-	-	-	-	A/C	0.050/0.05	7.98E-01	0.9 (0.41-1.99)	-	-	-	-	-	-	-	-
rs305080	84499275	G/A	0.350/0.35	4.66E-01	1.03 (0.96-1.11)	A/G	0.380/0.38	5.68E-01	0.97 (0.87-1.08)	G/A	0.310/0.31	9.68E-01	1 (0.88-1.13)	A/G	0.360/0.38	6.07E-01	0.91 (0.64-1.3)	G/A	0.370/0.37	8.69E-01	1.01 (0.88-1.17)	G/A	0.360/0.33	5.55E-01	1.09 (0.81-1.47)
rs10514610	84499676	G/C	0.050/0.04	1.97E-03	1.32 (1.11-1.57)	G/C	0.310/0.30	3.54E-01	1.05 (0.94-1.18)	G/C	0.090/0.09	4.98E-01	1.07 (0.88-1.3)	G/C	0.360/0.34	4.96E-01	1.14 (0.79-1.64)	G/C	0.080/0.07	3.82E-01	1.12 (0.87-1.46)	G/C	0.080/0.04	3.86E-02	1.93 (1.04-3.61)
rs11693917	84499921	T/A	0.050/0.04	1.59E-03	1.33 (1.11-1.58)	T/A	0.320/0.30	1.86E-01	1.08 (0.96-1.21)	T/A	0.090/0.09	4.65E-01	1.07 (0.89-1.3)	T/A	0.330/0.37	3.35E-01	0.84 (0.59-1.2)	T/A	0.080/0.07	5.93E-01	1.07 (0.83-1.4)	T/A	0.080/0.04	6.89E-02	1.79 (0.9-3.34)
rs305079	84499997	-	-	-	-	A/G	0.340/0.33	7.60E-01	1.02 (0.92-1.14)	A/G	0.100/0.10	5.56E-01	1.06 (0.88-1.27)	A/G	0.380/0.38	7.98E-01	1.05 (0.73-1.5)	A/G	0.080/0.08	5.01E-01	1.09 (0.84-1.42)	A/G	0.080/0.03	4.57E-03	2.7 (1.36-5.35)
rs11545564	84500222	-	-	-	-	A/G	0.200/0.20	6.83E-01	0.98 (0.87-1.12)	A/G	0.010/0.01	2.34E-01	0.74 (0.45-1.21)	A/G	0.220/0.22	8.09E-01	1.05 (0.7-1.59)	A/G	0.110/0.08	5.00E-01	1.09 (0.85-1.4)	A/G	0.100/0.13	3.85E-01	0.82 (0.54-1.25)
rs305078	84500644	-	-	-	-	A/G	0.060/0.07	1.42E-01	0.86 (0.7-1.05)	-	-	-	-	A/G	0.060/0.09	2.05E-01	0.66 (0.34-1.26)	-	-	-	-	-	-	-	-
rs172573	84500925	-	-	-	-	A/G	0.040/0.04	6.90E-01	1.02 (0.92-1.13)	A/G	0.290/0.28	3.67E-01	1.06 (0.94-1.2)	A/G	0.340/0.37	3.99E-01	0.86 (0.59-1.23)	A/G	0.320/0.31	4.29E-01	1.06 (0.92-1.23)	A/G	0.280/0.24	3.26E-01	1.17 (0.85-1.61)
rs305077	84500967	A/G	0.360/0.34	2.06E-01	1.05 (0.97-1.13)	G/A	0.400/0.40	1.40E-01	1.02 (0.92-1.13)	A/G	0.290/0.28	3.67E-01	1.06 (0.94-1.2)	A/G	0.340/0.37	3.99E-01	0.86 (0.59-1.23)	A/G	0.320/0.31	4.29E-01	1.06 (0.92-1.23)	A/G	0.280/0.24	3.26E-01	1.17 (0.85-1.61)
rs11693930	84501600	-	-	-	-	T/A	0.050/0.04	1.94E-02	1.33 (1.05-1.69)	-	-	-	-	T/A	0.040/0.05	7.98E-01	0.9 (0.39-2.06)	-	-	-	-	-	-	-	-
rs440222	84501917	-	-	-	-	G/A	0.130/0.14	6.95E-01	0.97 (0.84-1.12)	-	-	-	-	A/G	0.160/0.20	2.87E-01	0.78 (0.5-1.23)	-	-	-	-	-	-	-	-
rs391525	84501940	A/G	0.360/0.34	2.09E-01	1.05 (0.97-1.13)	A/G	0.390/0.40	6.51E-01	0.98 (0.88-1.08)	A/G	0.300/0.29	5.13E-01	1.04 (0.92-1.18)	A/G	0.410/0.36	1.72E-01	1.29 (0.9-1.85)	A/G	0.300/0.29	2.84E-01	1.09 (0.93-1.27)	A/G	0.250/0.23	9.43E-01	1.01 (0.73-1.4)
rs366304	84502301	-	-	-	-	C/A	0.090/0.11	2.23E-01	0.9 (0.76-1.07)	-	-	-	-	C/A	0.130/0.13	9.87E-01	1 (0.58-1.72)	-	-	-	-	-	-	-	-
rs2292982	84502324	A/C	0.360/0.34	1.59E-01	1.05 (0.98-1.13)	C/A	0.410/0.41	8.16E-01	1.01 (0.91-1.12)	A/C	0.340/0.33	9.36E-01	1 (0.88-1.12)	C/A	0.370/0.38	6.45E-01	0.92 (0.64-1.32)	A/C	0.370/0.36	5.28E-01	1.05 (0.91-1.21)	A/C	0.340/0.31	3.60E-01	1.15 (0.85-1.55)
rs2292980	84502377	A/G	0.360/0.34	1.48E-01	1.05 (0.98-1.13)	A/G	0.490/0.49	8.30E-01	0.99 (0.89-1.1)	A/G	0.470/0.45	3.11E-01	1.06 (0.95-1.18)	A/G	0.470/0.45	3.11E-01	1.06 (0.95-1.18)	A/G	0.360/0.35	7.55E-01	1.02 (0.89-1.18)	A/G	0.330/0.30	4.07E-01	1.13 (0.84-1.53)
rs10939941	84502705	-	-	-	-	G/A	0.050/0.04	2.33E-02	1.32 (1.04-1.68)	-	-	-	-	G/A	0.040/0.04	8.61E-01	0.93 (0.39-2.19)	-	-	-	-	-	-	-	-
rs8052064	84502732	G/A	0.120/0.13	3.13E-04	0.83 (0.74-0.92)	G/A	0.050/0.04	2.33E-02	1.32 (1.04-1.68)	-	-	-	-	G/A	0.130/0.15	5.67E-01	0.86 (0.52-1.43)	A/G	0.110/0.11	3.90E-01	0.91 (0.72-1.13)	G/A	0.080/0.10	1.65E-01	0.72 (0.45-1.15)
rs11693945	84502750	G/A	0.020/0.03	1.70E-01	0.86 (0.7-1.07)	G/A	0.030/0.03	7.63E-02	0.77 (0.57-1.03)	-	-	-	-	G/A	0.030/0.03	7.10E-01	0.83 (0.32-2.19)	-	-	-	-	-	-	-	-
rs147968	84503340	A/G	0.450/0.44	3.25E-01	1.04 (0.97-1.11)	G/A	0.330/0.32	3.84E-01	1.05 (0.94-1.17)	G/A	0.450/0.47	2.65E-01	0.94 (0.84-1.05)	G/A	0.300/0.26	4.52E-01	1.16 (0.79-1.69)	A/G	0.450/0.44	4.13E-01	1.06 (0.92-1.22)	A/G	0.430/0.38	2.91E-01	1.16 (0.88-1.54)
rs4503518	84503518	C/A	0.040/0.03	1.55E-03	1.34 (1.12-1.56)	C/A	0.140/0.13	1.69E-01	1.11 (0.96-1.29)	G/A	0.230/0.21	3.66E-02	1.16 (1.01-1.32)	G/A	0.180/0.13	1.49E-01	1.44 (0.88-2.36)	C/A	0.060/0.05	9.32E-02	1.32 (0.96-1.81)	C/A	0.040/0.03	3.03E-01	1.49 (0.7-3.61)
rs242971	84503951	A/G	0.450/0.44	3.76E-01	1.03 (0.96-1.11)	G/A	0.260/0.26	6.11E-01	0.99 (0.88-1.1)	G/A	0.480/0.50	2.32E-01	0.93 (0.84-1.05)	G/A	0.230/0.21	8.92E-01	1.03 (0.68-1.56)	A/G	0.450/0.44	5.23E-01	1.05 (0.91-1.21)	A/G	0.440/0.40	4.05E-01	1.13 (0.85-1.49)
rs11649318	84503982	C/G	0.400/0.39	3.77E-01	1.03 (0.96-1.11)	G/C	0.460/0.46	9.04E-01	1.01 (0.91-1.12)	C/G	0.450/0.43	1.75E-01	1.08 (0.97-1.21)	G/C	0.440/0.44	7.93E-01	0.95 (0.66-1.36)	C/G	0.340/0.34	9.94E-01	1 (0.86-1.16)	C/G	0.290/0.26	4.65E-01	1.13 (0.82-1.54)
rs8051462	84504828	A/G	0.470/0.46	2.59E-01	1.04 (0.97-1.11)	G/A	0.450/0.44	2.56E-01	1.06 (0.96-1.18)	A/G	0.490/0.46	5.28E-02	1.12 (1.02-1.25)	G/A	0.430/0.44	7.01E-01	0.93 (0.65-1.34)	A/G	0.400/0.40	4.71E-01	1.05 (0.91-1.22)	A/G	0.360/0.31	2.37E-01	1.2 (0.89-1.61)
rs8450528	84505028	C/G	0.470/0.46	3.16E-01	1.04 (0.97-1.11)	C/G	0.480/0.50	2.28E-01	0.94 (0.85-1.04)	C/G	0.480/0.46	6.94E-02	1.11 (0.99-1.24)	-	-	-	-	-	-	-	-	-	-	-	-
rs1331970	84505479	-	-	-	-	G/A	0.070/0.08	3.92E-02	0.81 (0.67-0.99)	-	-	-	-	G/A	0.100/0.08	5.17E-01	1.21 (0.68-2.17)	-	-	-	-	-	-	-	-
rs17444416	84505699	G/A	0.060/0.08	9.79E-01	1 (0.87-1.16)	G/A	0.060/0.07	7.51E-02	0.84 (0.69-1.02)	G/A	0.050/0.05	8.70E-01	1.02 (0.79-1.32)	G/A	0.100/0.08	5.17E-01	1.21 (0.68-2.17)	G/A	0.060/0.06	6.04E-01	1.08 (0.8-1.46)	G/A	0.070/0.05	4.25E-01	1.27 (0.71-2.28)
rs400338	84506572	G/A	0.120/0.14	6.08E-04	0.84 (0.76-0.93)	G/A	0.060/0.07	7.51E-02	0.84 (0.69-1.02)	G/A	0.040/0.05	8.79E-02	0.79 (0.61-1.04)	G/A	0.050/0.05	6.62E-01	1.19 (0.55-2.53)	G/A	0.160/0.15	5.13E-01	0.94 (0.77-1.14)	G/A	0		

SNP	Position (bp)	European				African-American				Asian				Gullah				Hispanic				Amerindian			
		alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b
rs2172625	84522286	A/G	0.11/0.14	1.22E-05	0.79 (0.71-0.88)	A/G	0.12/0.12	6.36E-01	1.04 (0.89-1.22)	A/G	0.13/0.15	3.24E-02	0.84 (0.71-0.99)	A/G	0.13/0.14	6.15E-01	0.88 (0.53-1.46)	A/G	0.17/0.16	7.20E-01	0.96 (0.79-1.17)	A/G	0.15/0.21	1.76E-02	0.64 (0.45-0.93)
rs2970094	84522327	A/G	0.12/0.15	7.27E-05	0.81 (0.73-0.9)	-	-	-	-	G/A	0.14/0.16	1.18E-01	0.88 (0.75-1.03)	A/G	0.15/0.16	6.20E-01	0.99 (0.6-1.62)	G/C	0.19/0.17	6.05E-01	0.95 (0.78-1.16)	G/C	0.15/0.21	2.99E-02	0.67 (0.47-0.96)
rs39280	84522499	G/C	0.12/0.14	3.74E-04	0.83 (0.75-0.92)	G/C	0.13/0.13	6.95E-01	1.03 (0.88-1.2)	G/C	0.14/0.16	5.39E-02	0.86 (0.73-1.0)	G/C	0.13/0.14	9.38E-01	0.98 (0.59-1.62)	G/C	0.17/0.16	5.78E-01	0.95 (0.78-1.15)	G/C	0.15/0.20	7.48E-02	0.72 (0.51-1.03)
rs383425	84522540	A/G	0.50/0.47	1.56E-03	1.12 (1.04-1.2)	G/A	0.47/0.48	6.75E-01	0.98 (0.88-1.09)	G/A	0.45/0.46	8.47E-01	0.99 (0.89-1.1)	-	-	-	-	G/C	0.43/0.47	2.91E-01	0.93 (0.81-1.07)	G/C	0.43/0.39	4.89E-01	1.1 (0.84-1.44)
rs2709092	84522649	-	-	-	-	G/A	0.04/0.04	7.25E-01	1.05 (0.82-1.34)	-	-	-	-	G/A	0.06/0.04	2.97E-01	1.67 (0.71-3.91)	-	-	-	-	-	-	-	-
rs524432	84523155	A/G	0.11/0.14	2.90E-04	0.83 (0.75-0.92)	A/G	0.13/0.13	6.93E-01	1.03 (0.89-1.2)	A/G	0.14/0.17	5.09E-02	0.86 (0.74-1.0)	A/G	0.13/0.14	6.75E-01	0.9 (0.55-1.48)	A/G	0.17/0.16	4.93E-01	0.94 (0.77-1.13)	A/G	0.16/0.21	5.99E-02	0.71 (0.51-1.01)
rs38898	84523302	C/A	0.11/0.14	1.23E-04	0.82 (0.74-0.91)	C/A	0.13/0.13	7.05E-01	1.01 (0.87-1.17)	C/A	0.14/0.16	6.89E-02	0.86 (0.74-1.0)	C/A	0.13/0.14	7.91E-01	0.93 (0.57-1.54)	C/A	0.17/0.16	4.64E-01	0.93 (0.77-1.13)	C/A	0.15/0.20	4.89E-02	0.7 (0.49-1)
rs411221	84523460	C/G	0.11/0.13	1.43E-04	0.82 (0.74-0.91)	C/G	0.16/0.16	6.22E-01	1.06 (0.92-1.22)	C/G	0.13/0.15	4.07E-02	0.85 (0.72-0.99)	C/G	0.16/0.17	9.18E-01	0.98 (0.62-1.55)	C/G	0.17/0.16	4.22E-01	0.92 (0.76-1.12)	C/G	0.15/0.19	1.32E-01	0.75 (0.52-1.09)
rsR78453	84523664	A/G	0.37/0.38	7.31E-01	0.99 (0.92-1.06)	A/G	0.37/0.38	6.42E-01	0.98 (0.87-1.09)	A/G	0.40/0.38	1.25E-01	0.9 (0.98-1.22)	A/G	0.25/0.32	5.53E-02	0.69 (0.47-1.01)	A/G	0.39/0.35	2.42E-02	1.19 (1.02-1.38)	A/G	0.40/0.38	2.42E-01	1.18 (0.91-1.55)
rsR78454	84523673	A/G	0.24/0.24	9.76E-01	1 (0.92-1.08)	A/G	0.06/0.05	2.85E-01	1.13 (0.9-1.42)	A/G	0.09/0.09	6.62E-01	1.06 (0.79-1.16)	A/G	0.03/0.03	9.03E-01	0.94 (0.33-2.65)	A/G	0.18/0.16	2.82E-01	1.11 (0.92-1.34)	A/G	0.15/0.14	7.94E-01	1.05 (0.73-1.52)
rs11860480	84523959	A/C	0.25/0.28	3.66E-04	0.87 (0.8-0.94)	A/C	0.32/0.33	2.32E-01	0.94 (0.84-1.04)	A/C	0.45/0.45	7.71E-01	1.02 (0.91-1.14)	A/C	0.29/0.37	6.94E-02	0.71 (0.49-1.03)	A/C	0.37/0.33	2.44E-01	1.09 (0.94-1.27)	A/C	0.40/0.44	0.9 (0.69-1.19)	
rs11860517	84524000	A/G	0.13/0.13	8.09E-01	0.99 (0.89-1.09)	A/G	0.22/0.23	3.56E-01	0.94 (0.84-1.07)	A/G	0.30/0.29	1.11E-01	1.1 (0.98-1.25)	A/G	0.20/0.27	7.44E-02	0.68 (0.45-1.04)	A/G	0.20/0.17	5.06E-02	1.2 (1.1-1.45)	A/G	0.25/0.24	4.36E-01	1.13 (0.83-1.54)
rs1117418	84524028	A/G	0.14/0.15	3.24E-01	0.95 (0.86-1.05)	A/G	0.22/0.23	4.13E-01	0.95 (0.84-1.07)	A/C	0.31/0.29	7.70E-02	1.11 (0.99-1.25)	A/C	0.19/0.26	7.09E-02	0.68 (0.45-1.03)	A/C	0.20/0.17	1.36E-01	1.15 (0.96-1.38)	A/C	0.25/0.24	3.55E-01	1.16 (0.85-1.57)
rs12051539	84524038	G/C	0.01/0.01	3.26E-01	1.16 (0.86-1.56)	G/C	0.14/0.15	4.57E-01	0.95 (0.82-1.09)	G/C	0.12/0.13	5.80E-01	0.95 (0.81-1.13)	G/C	0.12/0.20	2.18E-02	0.58 (0.36-0.92)	G/C	0.12/0.09	1.70E-01	1.18 (0.93-1.51)	G/C	0.16/0.16	5.14E-01	1.13 (0.79-1.61)
rsR78529	84524187	G/C	0.13/0.13	7.28E-01	0.96 (0.89-1.09)	G/C	0.22/0.23	3.57E-01	0.94 (0.84-1.07)	G/C	0.31/0.28	4.36E-02	1.13 (1.0-1.28)	G/C	0.20/0.26	6.88E-02	0.68 (0.46-1.03)	G/C	0.20/0.17	1.16E-01	1.16 (0.96-1.4)	G/C	0.25/0.23	2.19E-01	1.22 (0.89-1.67)
rsR78528	84524211	G/A	0.02/0.01	1.91E-01	1.22 (0.91-1.63)	-	-	-	-	G/A	0.13/0.13	5.88E-01	0.96 (0.81-1.13)	G/A	0.17/0.24	6.55E-02	0.67 (0.44-1.03)	G/A	0.12/0.09	1.16E-01	1.21 (0.95-1.53)	G/A	0.16/0.17	8.14E-01	1.05 (0.72-1.51)
rsR78527	84524231	G/A	0.02/0.01	1.70E-01	1.23 (0.92-1.65)	G/A	0.15/0.16	4.24E-01	0.94 (0.82-1.09)	G/A	0.13/0.13	7.43E-01	0.97 (0.83-1.15)	G/A	0.13/0.22	1.18E-02	0.55 (0.35-0.88)	G/A	0.12/0.09	1.33E-01	1.2 (0.95-1.51)	G/A	0.16/0.17	8.94E-01	1.03 (0.71-1.48)
rs119030	84524302	G/A	0.30/0.27	8.59E-05	1.17 (1.08-1.26)	A/G	0.41/0.45	6.85E-01	0.84 (0.75-0.93)	G/A	0.40/0.38	3.20E-01	1.06 (0.95-1.19)	A/G	0.35/0.39	3.69E-01	0.85 (0.59-1.21)	A/G	0.35/0.31	7.20E-02	1.15 (0.99-1.33)	G/A	0.34/0.28	1.29E-01	1.25 (0.94-1.66)
rs1298341	84524541	C/A	0.10/0.11	2.87E-01	0.94 (0.84-1.05)	C/A	0.02/0.02	6.43E-02	0.7 (0.48-1.02)	C/A	0.18/0.15	4.85E-03	1.24 (1.07-1.44)	-	-	-	-	C/A	0.07/0.07	6.95E-01	1.06 (0.81-1.39)	C/A	0.08/0.07	4.50E-01	1.21 (0.74-2)
rs9936079	84525095	G/A	0.17/0.22	3.96E-09	0.77 (0.7-0.84)	-	-	-	-	G/A	0.07/0.09	2.95E-03	0.73 (0.59-0.9)	-	-	-	-	G/A	0.18/0.18	6.97E-01	0.96 (0.8-1.16)	G/A	0.18/0.23	1.67E-01	0.79 (0.56-1.1)
rs447632	84525141	A/G	0.42/0.39	2.65E-04	1.14 (1.06-1.22)	G/A	0.41/0.44	3.71E-03	0.86 (0.78-0.95)	G/A	0.42/0.47	9.43E-04	0.83 (0.74-0.92)	G/A	0.38/0.43	1.87E-01	0.79 (0.56-1.12)	A/G	0.42/0.39	4.66E-02	1.16 (1.1-1.33)	A/G	0.42/0.34	6.32E-02	1.29 (0.99-1.69)
rs2934498	84525783	A/G	0.31/0.27	5.96E-06	1.19 (1.11-1.29)	G/A	0.44/0.48	3.92E-04	0.83 (0.75-0.92)	A/G	0.40/0.38	2.09E-01	1.08 (0.96-1.21)	G/A	0.39/0.44	1.96E-01	0.79 (0.55-1.13)	A/G	0.39/0.31	6.15E-02	1.15 (0.99-1.33)	A/G	0.33/0.27	1.23E-01	1.25 (0.94-1.66)
rs419749	84526058	G/A	0.39/0.39	5.34E-01	1.02 (0.95-1.1)	G/A	0.09/0.11	0.74E-01	0.73 (0.63-0.83)	G/A	0.22/0.24	1.69E-01	0.91 (0.8-1.04)	G/A	0.06/0.05	7.54E-01	1.13 (0.53-2.41)	G/A	0.27/0.34	1.49E-03	0.78 (0.67-0.91)	G/A	0.24/0.26	1.95E-01	0.8 (0.58-1.12)
rs439885	84526175	G/A	0.31/0.27	1.16E-05	1.19 (1.1-1.28)	A/G	0.43/0.47	5.59E-04	0.83 (0.75-0.92)	G/A	0.40/0.38	1.98E-01	1.08 (0.96-1.21)	A/G	0.38/0.44	1.70E-01	0.78 (0.54-1.1)	G/A	0.35/0.31	6.44E-02	1.15 (0.99-1.33)	G/A	0.33/0.28	1.93E-01	1.24 (0.93-1.64)
rs4843865	84526806	T/A	0.17/0.21	2.93E-08	0.78 (0.72-0.85)	T/A	0.13/0.13	6.64E-01	0.97 (0.83-1.13)	T/A	0.07/0.09	1.46E-02	0.78 (0.63-0.95)	T/A	0.13/0.12	8.22E-01	1.06 (0.63-1.79)	T/A	0.19/0.18	9.15E-01	1.01 (0.84-1.21)	T/A	0.19/0.24	2.16E-01	0.77 (0.55-1.07)
rs8052690	84527239	A/G	0.18/0.21	5.69E-06	0.79 (0.72-0.86)	A/G	0.15/0.15	6.58E-01	1.07 (0.84-1.32)	A/G	0.07/0.09	5.28E-03	0.74 (0.61-0.92)	A/G	0.14/0.15	8.60E-01	0.96 (0.59-1.56)	A/G	0.19/0.18	9.52E-01	1.01 (0.84-1.21)	A/G	0.19/0.24	1.75E-01	0.8 (0.58-1.1)
rs186249	84528397	G/C	0.30/0.26	1.68E-05	1.19 (1.1-1.28)	G/C	0.30/0.27	6.83E-02	1.15 (1.03-1.29)	G/C	0.31/0.30	9.37E-01	1.01 (0.89-1.13)	G/C	0.30/0.26	3.42E-01	1.21 (0.82-1.78)	G/C	0.30/0.26	2.29E-02	1.2 (1.03-1.4)	G/C	0.28/0.25	2.48E-01	1.19 (0.89-1.61)
rs12149636	84528721	C/G	0.29/0.33	9.02E-07	0.83 (0.77-0.89)	C/G	0.30/0.32	5.56E-02	0.9 (0.8-1.0)	C/G	0.38/0.38	8.25E-01	1.01 (0.9-1.13)	C/G	0.27/0.35	3.26E-02	0.65 (0.44-0.96)	C/G	0.38/0.34	1.87E-01	1.11 (0.95-1.29)	C/G	0.43/0.46	7.68E-01	0.96 (0.73-1.26)
rs305067	84529341	G/C	0.36/0.36	7.55E-01	1.01 (0.94-1.09)	G/C	0.08/0.09	4.14E-02	0.79 (0.66-0.91)	G/C	0.12/0.12	5.59E-01	0.95 (0.8-1.13)	G/C	0.05/0.05	9.95E-02	1.02 (0.44-2.37)	G/C	0.21/0.28	2.40E-02	0.82 (0.69-0.97)	G/C	0.18/0.19	2.29E-01	0.8 (0.55-1.15)
rs1117420	84529423	-	-	-	-	C/G	0.19/0.19	6.81E-01	0.97 (0.85-1.1)	C/G	0.07/0.09	7.47E-03	0.75 (0.61-0.93)	C/G	0.21/0.19	4.47E-01	1.19 (0.76-1.85)	C/G	0.18/0.17	8.63E-01	1.02 (0.84-1.23)	C/G	0.19/0.21	3.65E-01	0.85 (0.6-1.2)
rs1117422	84529514	G/C	0.17/0.21	9.37E-09	0.77 (0.71-0.84)	G/C	0.13/0.13	6.76E-01	0.97 (0.83-1.13)	G/C	0.07/0.09	1.32E-02	0.77 (0.63-0.94)	G/C	0.13/0.13	9.73E-01	0.99 (0.59-1.66)	G/C	0.18/0.17	6.99E-01	1.04 (0.86-1.25)	G/C	0.19/0.23	2.43E-01	0.82 (0.59-1.14)
rs1117425	84529772	G/A	0.27/0.30	1.24E-06	0.83 (0.77-0.89)	A/G	0.29/0.32	6.32E-02	0.9 (0.81-1.0)	A/G	0.38/0.38	7.53E-01	1.02 (0.91-1.14)	A/G	0.27/0.35	3.26E-02	0.65 (0.44-0.96)	A/G	0.36/0.32	1.79E-01	1.11 (0.95-1.29)	A/G	0.40/0.44	6.03E-01	0.93 (0.71-1.22)
rs11648084	84530099	G/A	0.27/0.30	9.35E-07	0.83 (0.77-0.89)	A/G	0.29/0.32	6.33E-02	0.9 (0.81-1.0)	A/G	0.38/0.38	7.53E-01	1.02 (0.91-1.14)	A/G	0.27/0.35	3.26E-02	0.65 (0.44-0.96)	A/G	0.36/0.32	1.88E-01	1.11 (0.95-1.29)	A/G	0.40/0.45	5.68E-01	0.93 (0.71-1.22)
rs11644034	84530113	G/A	0.17/0.20	2.36E-08	0.78 (0.71-0.85)	A/G	0.12/0.13	5.10E-01	0.95 (0.81-1.1)	A/G	0.07/0.09														

SNP	Position (bp)	European				African-American				Asian				Gullah				Hispanic				Amerindian			
		alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b	alleles (maj/min)	MAF case/ctrl	P	OR (95%CI) ^b
rs4843877	84550733	-	-	-	-	G/C	0.10/0.11	1.79E-01	0.89 (0.76-1.05)	G/C	0.08/0.07	5.51E-01	1.07 (0.86-1.32)	G/C	0.07/0.09	4.90E-01	0.81 (0.44-1.48)	G/C	0.20/0.24	2.57E-01	0.91 (0.77-1.07)	G/C	0.18/0.18	4.37E-01	0.87 (0.6-1.24)
rs908983	84552021	A/G	0.31/0.31	5.27E-01	1.02 (0.95-1.1)	A/G	0.14/0.16	9.75E-02	0.89 (0.77-1.02)	A/G	0.08/0.07	7.05E-01	1.04 (0.85-1.28)	A/G	0.17/0.14	2.43E-01	1.33 (0.82-2.14)	A/G	0.21/0.25	5.48E-01	0.95 (0.81-1.12)	A/G	0.20/0.19	6.15E-01	0.92 (0.65-1.29)
rs11859063	84552197	-	-	-	-	A/C	0.05/0.06	1.22E-01	0.83 (0.66-1.05)	-	-	-	-	A/C	0.10/0.05	2.55E-02	2.28 (1.11-4.69)	-	-	-	-	-	-	-	-
rs883332	84552225	-	-	-	-	A/G	0.03/0.03	2.50E-01	1.18 (0.89-1.57)	A/G	0.17/0.16	3.79E-01	1.07 (0.92-1.24)	A/G	0.04/0.07	8.12E-02	0.48 (0.21-1.1)	A/G	0.05/0.04	2.52E-01	1.23 (0.86-1.75)	A/G	0.07/0.06	4.04E-01	1.27 (0.73-2.22)
rs8044852	84552728	G/A	0.32/0.32	9.71E-01	1 (0.93-1.08)	G/A	0.14/0.16	7.54E-02	0.88 (0.76-1.01)	G/A	0.08/0.08	5.87E-01	1.06 (0.86-1.3)	G/A	0.17/0.14	2.48E-01	1.33 (0.82-2.14)	G/A	0.22/0.25	6.12E-01	0.96 (0.82-1.13)	G/A	0.21/0.19	9.54E-01	0.99 (0.7-1.4)

Table S4. IRF8—Imputed Data for Europeans

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs4843869	84532642	G	A	0.1625	0.2018	7.61E-10	0.76	0.6964	0.8295
rs4843323	84532462	C	T	0.162	0.2012	7.71E-10	0.7598	0.6961	0.8293
rs4843868	84530902	C	T	0.1627	0.2022	8.57E-10	0.761	0.6974	0.8304
rs7202472	84535003	G	T	0.1541	0.1919	1.08E-09	0.7571	0.6924	0.828
rs11641155	84530653	A	G	0.1633	0.2023	1.23E-09	0.7632	0.6995	0.8327
rs7205434	84530696	C	G	0.1633	0.2023	1.23E-09	0.7632	0.6995	0.8327
rs9936079	84525095	G	A	0.1752	0.2174	1.23E-09	0.7646	0.7012	0.8338
rs11641153	84530641	A	G	0.1633	0.2023	1.31E-09	0.7636	0.6998	0.8331
rs13335265	84530311	G	C	0.1564	0.1962	1.64E-09	0.7586	0.6934	0.8299
rs731708	84538035	C	A	0.1555	0.1924	1.81E-09	0.76	0.695	0.8311
rs11117422	84529514	G	C	0.1663	0.2059	2.17E-09	0.7658	0.7017	0.8357
rs12444221	84524786	C	T	0.1736	0.2131	3.92E-09	0.7742	0.711	0.8431
rs12711490	84530529	T	C	0.1665	0.2044	5.25E-09	0.7725	0.7084	0.8424
rs11644034	84530113	G	A	0.1664	0.2041	5.85E-09	0.7724	0.708	0.8425
rs4843865	84526806	A	T	0.175	0.2137	9.45E-09	0.7795	0.716	0.8487
84527141	84527141	A	C	0.175	0.2133	1.11E-08	0.7807	0.7172	0.8499
rs13330932	84532008	C	T	0.2502	0.2915	1.55E-08	0.8016	0.7425	0.8655
rs8052690	84527239	A	G	0.1762	0.2139	1.70E-08	0.7834	0.7196	0.8527
rs4843322	84532386	A	G	0.2634	0.3014	1.50E-07	0.8181	0.7591	0.8818
rs2934497	84525379	C	T	0.2714	0.231	2.62E-07	1.242	1.144	1.349
rs12149642	84528922	C	T	0.2637	0.3038	2.94E-07	0.8198	0.7599	0.8845
rs2970091	84525387	G	A	0.2765	0.2363	2.96E-07	1.238	1.141	1.343
rs12600127	84530280	C	G	0.2649	0.3018	3.14E-07	0.8222	0.7628	0.8862
84529029	84529029	A	C	0.2739	0.3129	3.27E-07	0.8161	0.7549	0.8823
84529030	84529030	A	C	0.2739	0.3129	3.27E-07	0.8161	0.7549	0.8823
rs11643999	84530070	G	A	0.2651	0.3016	3.66E-07	0.8235	0.7641	0.8875
rs11117423	84529682	T	C	0.2626	0.2993	3.76E-07	0.8228	0.7632	0.8871
rs11117421	84529461	G	A	0.2645	0.3009	3.83E-07	0.8236	0.7642	0.8877
rs11117419	84529383	C	G	0.2645	0.3008	3.99E-07	0.8239	0.7644	0.888
rs11648012	84529908	C	T	0.2651	0.3013	4.47E-07	0.8248	0.7653	0.8888
rs11117424	84529738	A	G	0.2653	0.3016	4.49E-07	0.8248	0.7653	0.8888
rs11648084	84530099	C	T	0.2653	0.3016	4.53E-07	0.8247	0.7652	0.8888
rs11117425	84529772	C	T	0.2655	0.3016	5.81E-07	0.826	0.7663	0.8903
84524049	84524049	A	G	0.104	0.1319	7.08E-07	0.7668	0.6904	0.8516
rs58980382	84523934	C	T	0.09778	0.1244	7.31E-07	0.7597	0.6814	0.8469
rs12149636	84528721	C	G	0.2927	0.3297	9.52E-07	0.8337	0.7752	0.8966
rs8059144	84527977	T	C	0.3019	0.3392	9.62E-07	0.8352	0.7771	0.8976
rs4843867	84528219	C	G	0.3021	0.3396	9.88E-07	0.8354	0.7774	0.8978
rs4843866	84528151	C	T	0.3022	0.3396	9.99E-07	0.8355	0.7774	0.8979
rs12598434	84530560	G	T	0.2644	0.2999	1.03E-06	0.8294	0.7694	0.894
rs8045825	84527979	C	G	0.3022	0.3393	1.08E-06	0.8359	0.7778	0.8983
rs9927123	84531682	A	G	0.3079	0.3429	1.31E-06	0.8362	0.7777	0.899
84528857	84528857	A	C	0.2709	0.307	1.69E-06	0.8316	0.7712	0.8968
rs16940044	84525266	A	G	0.2745	0.2372	2.16E-06	1.218	1.123	1.322
rs74032085	84525245	T	C	0.276	0.2384	2.25E-06	1.217	1.122	1.32
rs8046526	84509136	C	T	0.1372	0.1624	3.96E-06	0.8019	0.7301	0.8807
rs2970090	84525392	G	A	0.4098	0.3685	4.82E-06	1.186	1.102	1.276
rs8058904	84509183	A	G	0.1367	0.1616	5.19E-06	0.8037	0.7316	0.8829
rs2172625	84522286	T	C	0.1125	0.1384	5.52E-06	0.7875	0.7105	0.873
rs66804793	84525190	G	A	0.2831	0.2471	6.16E-06	1.202	1.11	1.302
rs66509440	84525182	C	T	0.2831	0.2471	6.36E-06	1.201	1.109	1.301
rs305095	84535500	C	T	0.3155	0.2804	7.44E-06	1.186	1.101	1.278
rs2934498	84525783	A	G	0.3066	0.2725	7.90E-06	1.186	1.101	1.279
rs305066	84530277	C	T	0.3283	0.2937	8.18E-06	1.183	1.099	1.274
rs305097	84535412	G	A	0.3158	0.2806	8.78E-06	1.185	1.1	1.277
rs396987	84526435	A	G	0.3048	0.2706	8.89E-06	1.185	1.1	1.278
rs450443	84526392	T	G	0.3048	0.2707	9.73E-06	1.184	1.099	1.277
rs385344	84525105	C	G	0.3042	0.2708	1.37E-05	1.181	1.096	1.273
rs439885	84526175	G	A	0.3054	0.2726	1.50E-05	1.18	1.095	1.272
rs34337659	84525158	T	C	0.3054	0.2723	1.55E-05	1.179	1.094	1.271
rs366078	84522064	T	C	0.1156	0.1406	1.57E-05	0.8009	0.7241	0.8858
rs11642286	84479110	A	G	0.05236	0.0675	1.99E-05	0.7313	0.6333	0.8444
rs34912238	84559404	C	T	0.1589	0.189	2.15E-05	0.8177	0.7453	0.8973
rs305060	84533417	T	C	0.4858	0.4467	2.32E-05	1.158	1.082	1.239
rs186249	84528397	G	C	0.2954	0.2624	2.37E-05	1.179	1.092	1.273

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs2970094	84522327	G	A	0.1229	0.148	2.41E-05	0.8012	0.7229	0.888
84476754	84476754	A	C	0.04983	0.06441	2.68E-05	0.7294	0.6295	0.8451
rs731709	84538088	T	C	0.316	0.2832	2.70E-05	1.173	1.089	1.263
rs11117411	84483439	C	T	0.05095	0.06545	2.79E-05	0.731	0.6314	0.8464
rs305059	84533519	G	A	0.4891	0.4509	4.83E-05	1.153	1.076	1.235
rs388988	84523302	G	T	0.1143	0.1382	5.09E-05	0.8102	0.7317	0.897
rs11863590	84503995	A	G	0.2332	0.2053	5.11E-05	1.187	1.092	1.289
rs305063	84532158	G	T	0.3184	0.2877	5.15E-05	1.168	1.083	1.258
rs437291	84525009	T	C	0.4359	0.4011	5.33E-05	1.153	1.076	1.236
rs12923978	84503825	T	C	0.2326	0.2051	5.87E-05	1.185	1.091	1.288
84522577	84522577	A	C	0.1118	0.1347	8.20E-05	0.8141	0.735	0.9019
84523433	84523433	A	C	0.1029	0.1243	8.60E-05	0.8059	0.7236	0.8975
rs523642	84523096	G	A	0.1119	0.1346	9.48E-05	0.8155	0.7362	0.9035
rs419030	84524302	G	A	0.299	0.2685	9.97E-05	1.161	1.077	1.252
rs524432	84523155	T	C	0.1143	0.1368	0.0001164	0.819	0.7399	0.9065
rs385989	84526509	T	G	0.4413	0.4086	0.0001214	1.145	1.069	1.227
rs447632	84525141	A	G	0.4186	0.3876	0.0001484	1.144	1.067	1.226
84524750	84524750	C	T	0.01843	0.02731	0.0001692	0.642	0.5096	0.8088
84524668	84524668	A	C	0.4204	0.389	0.0001723	1.144	1.066	1.226
rs35929052	84551985	C	T	0.09222	0.1127	0.0001863	0.8041	0.7173	0.9015
rs12445476	84548770	T	G	0.1571	0.1825	0.0002197	0.8432	0.7703	0.9231
84524665	84524665	A	C	0.4214	0.3905	0.00022	1.141	1.064	1.223
84524666	84524666	A	C	0.4214	0.3905	0.00022	1.141	1.064	1.223
rs399280	84522499	C	G	0.1153	0.1369	0.0002784	0.8274	0.747	0.9164
rs11117426	84547768	T	C	0.1601	0.1864	0.0002989	0.8468	0.7738	0.9266
84524664	84524664	A	C	0.4053	0.3747	0.0003198	1.141	1.062	1.227
rs8052064	84502732	C	T	0.1174	0.1342	0.0003288	0.8294	0.7489	0.9185
rs11642873	84549206	A	C	0.1538	0.1786	0.0003345	0.8451	0.7709	0.9265
rs62052474	84463910	G	A	0.0688	0.08125	0.0003501	0.7911	0.6957	0.8996
rs376783	84475324	G	A	0.2531	0.2266	0.0004293	1.153	1.065	1.248
rs11117427	84548058	G	A	0.1591	0.1842	0.0004352	0.849	0.775	0.9301
rs11860480	84523959	A	C	0.2534	0.2793	0.0004983	0.8731	0.8088	0.9424
rs403038	84506572	G	A	0.1209	0.1364	0.0005822	0.8394	0.7597	0.9274
rs8054513	84506608	C	G	0.1185	0.1342	0.0006321	0.8387	0.7582	0.9277
rs305068	84507397	A	G	0.1184	0.1335	0.0007412	0.8404	0.7597	0.9297
rs11648716	84464117	A	G	0.07127	0.08309	0.000747	0.8044	0.7088	0.9129
rs8045988	84521891	G	A	0.08755	0.07153	0.0007637	1.243	1.095	1.411
rs62052556	84497511	C	T	0.118	0.1336	0.0008416	0.8412	0.76	0.9311
rs11649271	84505830	T	C	0.1171	0.1321	0.0008825	0.8419	0.7606	0.9317
rs305070	84506925	A	G	0.1283	0.144	0.0009334	0.8477	0.7687	0.9348
rs903203	84506142	G	A	0.3647	0.3387	0.001278	1.126	1.048	1.211
rs11642583	84496096	T	G	0.1229	0.1375	0.001379	0.8501	0.7695	0.939
rs305071	84506772	G	A	0.1075	0.1234	0.001382	0.8395	0.7542	0.9345
rs2270501	84490489	C	T	0.2055	0.1834	0.001638	1.148	1.054	1.252
rs28368112	84488458	G	C	0.2159	0.1925	0.0021	1.144	1.05	1.247
rs9924484	84509239	C	G	0.08303	0.06649	0.002323	1.225	1.075	1.395
rs9931687	84473282	G	A	0.2098	0.1877	0.002578	1.138	1.046	1.238
rs3794662	84497151	T	A	0.04147	0.0332	0.002599	1.322	1.103	1.586
rs9926664	84496256	A	G	0.1235	0.1374	0.002692	0.8585	0.7771	0.9485
rs873616	84485667	C	G	0.2082	0.1861	0.002737	1.143	1.047	1.248
rs9940980	84496182	C	T	0.1243	0.1379	0.002767	0.8593	0.7781	0.949
rs11646550	84496336	G	A	0.1218	0.1355	0.0028	0.8586	0.7769	0.9489
84459157	84459157	T	G	0.06255	0.07265	0.002852	0.8112	0.707	0.9307
rs16940005	84511183	G	C	0.1807	0.162	0.00299	1.145	1.047	1.253
rs11117415	84508187	A	G	0.06527	0.05225	0.002993	1.247	1.078	1.442
rs383425	84522540	C	T	0.4962	0.4722	0.003004	1.108	1.035	1.185
rs16939967	84506974	G	T	0.1849	0.1666	0.003103	1.144	1.046	1.251
rs12924316	84493764	C	T	0.2082	0.1871	0.003151	1.137	1.044	1.239
rs925994	84503518	C	A	0.04251	0.03316	0.003239	1.31	1.095	1.569
84494863	84494863	G	C	0.04111	0.03297	0.00347	1.313	1.094	1.576
rs60241040	84486065	A	G	0.2068	0.1852	0.00377	1.135	1.042	1.237
rs9934699	84509137	G	A	0.0825	0.06676	0.004115	1.21	1.062	1.379
rs9934701	84509148	G	A	0.0825	0.06676	0.004115	1.21	1.062	1.379
rs16939917	84499921	T	A	0.04387	0.03603	0.004798	1.288	1.08	1.536
rs10514610	84499676	G	C	0.04423	0.03609	0.005045	1.285	1.078	1.531

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs35593615	84511410	A	G	0.1835	0.166	0.005064	1.136	1.039	1.241
rs4843859	84489457	C	G	0.2229	0.2019	0.006057	1.124	1.034	1.221
rs62051025	84537707	C	T	0.2224	0.201	0.006537	1.125	1.033	1.224
rs3794661	84497167	G	A	0.04049	0.03345	0.007449	1.284	1.069	1.543
rs11859433	84458903	T	C	0.06354	0.0718	0.008399	0.8343	0.7291	0.9546
rs12929551	84510511	C	T	0.1836	0.1676	0.008597	1.126	1.031	1.231
84491082	84491082	C	A	0.03884	0.03146	0.009131	1.283	1.064	1.548
rs9931862	84472878	C	T	0.21	0.1912	0.009514	1.119	1.028	1.218
rs4843854	84460016	G	C	0.4532	0.4327	0.01052	1.093	1.021	1.17
rs3794660	84500669	G	C	0.03818	0.03064	0.01088	1.277	1.058	1.542
rs8064111	84504976	C	T	0.1106	0.121	0.01165	0.873	0.7855	0.9702
rs12444486	84550150	T	C	0.4635	0.487	0.01169	0.9159	0.8554	0.9806
rs11861580	84456048	C	G	0.06682	0.07468	0.01199	0.8433	0.7383	0.9632
rs305084	84491669	T	C	0.1068	0.09728	0.01279	1.155	1.031	1.294
rs4843320	84498514	C	T	0.1891	0.1717	0.01284	1.12	1.024	1.225
rs56239618	84525421	A	G	0.1769	0.1595	0.01483	1.124	1.023	1.234
rs10514611	84512743	C	T	0.2017	0.2144	0.01726	0.9036	0.8313	0.9822
rs56250418	84530999	G	T	0.1969	0.1801	0.01811	1.111	1.018	1.212
rs896263	84485020	C	G	0.2858	0.2661	0.01919	1.095	1.015	1.182
rs62051024	84535456	A	C	0.199	0.1823	0.01992	1.109	1.016	1.21
rs305087	84539747	T	C	0.1185	0.1345	0.02237	0.8831	0.7938	0.9825
rs8064189	84509297	T	G	0.2202	0.2304	0.02383	0.9106	0.8396	0.9877
rs11646027	84513898	T	C	0.2059	0.2171	0.02736	0.9111	0.8389	0.9897
rs371800	84475621	G	T	0.04204	0.03645	0.03074	1.215	1.018	1.451
rs401528	84482872	C	G	0.04459	0.03832	0.03346	1.206	1.015	1.433
rs62052470	84461723	G	A	0.03543	0.04001	0.03366	0.8195	0.682	0.9847
rs7204286	84514422	C	T	0.2077	0.2185	0.03458	0.9142	0.8412	0.9935
84478601	84478601	A	C	0.03841	0.03288	0.0346	1.22	1.015	1.467
rs11117416	84515825	C	G	0.2076	0.2181	0.03496	0.915	0.8426	0.9938
rs9923975	84469936	A	G	0.2024	0.186	0.03625	1.095	1.006	1.191
rs9932835	84515425	C	G	0.2063	0.217	0.03713	0.9159	0.8432	0.9948
rs12926601	84459167	C	T	0.2101	0.2014	0.04309	1.092	1.003	1.189
rs438323	84483902	T	C	0.04006	0.03478	0.04499	1.202	1.004	1.44
rs452532	84484267	T	G	0.04007	0.03479	0.04524	1.202	1.004	1.439
rs428530	84480360	A	G	0.04118	0.03586	0.04593	1.199	1.003	1.433
rs11648480	84517780	C	T	0.206	0.2158	0.04646	0.9193	0.8462	0.9987
rs191022	84489633	C	G	0.2879	0.2709	0.04655	1.08	1.001	1.165
rs4843860	84508422	A	G	0.2976	0.2837	0.04817	1.077	1.001	1.16
rs4843861	84508477	A	T	0.3006	0.2869	0.04825	1.077	1.001	1.159
rs437740	84483537	T	C	0.04005	0.03491	0.04838	1.199	1.001	1.435
rs452478	84484245	T	G	0.04007	0.03492	0.05082	1.196	0.9994	1.432
84465151	84465151	A	C	0.2178	0.2092	0.05335	1.086	0.9988	1.18
rs8052521	84516230	G	A	0.2295	0.2373	0.05544	0.9248	0.8537	1.002
rs880365	84516863	C	T	0.2287	0.2364	0.06064	0.9262	0.8548	1.003
rs384915	84477113	G	A	0.03858	0.03479	0.06272	1.189	0.9909	1.426
84552937	84552937	T	C	0.05107	0.05915	0.06621	0.8665	0.7436	1.01
rs1021481	84516521	G	A	0.2305	0.2377	0.07053	0.9287	0.8572	1.006
rs880366	84516939	T	C	0.2308	0.2377	0.0748	0.9299	0.8584	1.007
rs8058349	84489530	C	G	0.06282	0.07001	0.0835	0.8848	0.7702	1.016
rs880364	84516666	A	G	0.2314	0.238	0.08553	0.9322	0.8606	1.01
rs1021480	84516471	A	G	0.228	0.2348	0.08786	0.9323	0.8602	1.01
rs8056522	84464397	T	C	0.2068	0.1923	0.08917	1.076	0.9889	1.17
rs1809094	84484727	G	A	0.2375	0.2232	0.1059	1.072	0.9854	1.166
rs12930347	84461177	T	C	0.2337	0.2265	0.1093	1.068	0.9854	1.158
rs394100	84484220	G	A	0.04359	0.03912	0.11	1.152	0.9685	1.37
84517870	84517870	G	A	0.0207	0.01589	0.1123	1.233	0.9521	1.597
rs305086	84540022	G	A	0.1656	0.1569	0.1144	1.078	0.982	1.183
rs16939945	84502750	C	T	0.02441	0.02835	0.1192	0.8464	0.6862	1.044
rs305083	84493379	A	G	0.1623	0.169	0.1221	0.9298	0.8479	1.02
rs750669	84470371	A	G	0.4971	0.4829	0.1226	1.055	0.9857	1.129
rs4843856	84460058	A	C	0.5065	0.4924	0.124	1.054	0.9856	1.128
rs391023	84485315	C	T	0.3903	0.3754	0.1261	1.056	0.9848	1.133
rs2292980	84502577	T	C	0.3594	0.3446	0.1352	1.056	0.9832	1.133
rs16939877	84475320	T	A	0.02443	0.02783	0.1421	0.8493	0.6829	1.056
rs305062	84533003	A	G	0.01132	0.009026	0.1437	1.291	0.9167	1.819

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs2292982	84502324	T	G	0.359	0.3451	0.1478	1.054	0.9816	1.132
rs875527	84524231	G	A	0.01627	0.01189	0.1554	1.234	0.9235	1.648
84470606	84470606	C	A	0.4974	0.4845	0.1592	1.05	0.9812	1.123
rs11640143	84546965	T	C	0.05975	0.06593	0.1697	0.9065	0.7881	1.043
rs11649549	84493298	T	C	0.1662	0.1727	0.1745	0.9393	0.8582	1.028
rs34318854	84472707	T	C	0.4917	0.4789	0.1793	1.048	0.9787	1.122
rs34723871	84472711	T	C	0.4917	0.4789	0.1793	1.048	0.9787	1.122
rs56143130	84472719	T	C	0.4917	0.4789	0.1793	1.048	0.9787	1.122
rs55967832	84472469	T	C	0.4916	0.4787	0.1814	1.048	0.9785	1.122
rs305077	84500967	T	C	0.3574	0.3447	0.1877	1.049	0.977	1.126
rs7185918	84458566	C	T	0.2102	0.1983	0.1921	1.057	0.9725	1.149
rs2361763	84550635	C	T	0.4442	0.4535	0.1936	0.9558	0.8928	1.023
rs391525	84501940	A	G	0.3574	0.3452	0.194	1.048	0.9763	1.125
rs16882	84493074	T	C	0.1676	0.1734	0.1948	0.9421	0.8608	1.031
rs875528	84524211	G	A	0.01649	0.01228	0.1948	1.21	0.907	1.615
84529014	84529014	C	G	0.01615	0.01738	0.1964	0.8371	0.6392	1.096
rs2270502	84490539	C	T	0.054	0.0591	0.2038	0.909	0.7846	1.053
rs305082	84494479	T	C	0.1697	0.1748	0.2109	0.9443	0.8632	1.033
rs1519978	84492712	A	T	0.166	0.1714	0.2304	0.9461	0.8643	1.036
rs393512	84488072	G	C	0.06715	0.07252	0.2314	0.9219	0.807	1.053
rs62051023	84530439	C	T	0.01304	0.009358	0.2341	1.217	0.8807	1.682
rs11117428	84550330	T	C	0.2332	0.2261	0.2428	1.05	0.9672	1.141
rs395922	84478180	G	C	0.03868	0.03717	0.2514	1.114	0.9265	1.339
rs422186	84489971	G	A	0.06311	0.06764	0.2594	0.9241	0.8057	1.06
rs8051462	84504828	A	G	0.4726	0.4607	0.2663	1.039	0.9712	1.112
rs1472235	84518468	G	A	0.2758	0.2822	0.2813	0.9593	0.8895	1.035
rs768410	84503229	T	G	0.4526	0.4414	0.2819	1.038	0.9699	1.111
rs1519976	84503176	T	G	0.4526	0.4414	0.2834	1.038	0.9698	1.11
rs428578	84475445	A	G	0.3722	0.3619	0.2937	1.038	0.9678	1.114
rs147968	84503340	T	C	0.4533	0.4422	0.2972	1.037	0.9688	1.109
rs395498	84484222	A	G	0.3798	0.3685	0.2995	1.038	0.9676	1.113
rs305069	84507059	T	C	0.4833	0.47	0.3067	1.036	0.968	1.109
rs16940103	84535710	G	T	0.1035	0.1085	0.3177	0.9455	0.847	1.055
rs6540231	84473561	C	G	0.4857	0.4767	0.323	1.035	0.9671	1.107
rs447377	84476336	T	G	0.3751	0.365	0.3248	1.036	0.9657	1.111
rs57670691	84542583	G	A	0.02432	0.02682	0.3265	0.8978	0.7239	1.113
rs58189590	84543560	G	A	0.02368	0.02626	0.328	0.897	0.7215	1.115
rs57426547	84543596	C	T	0.02368	0.02626	0.328	0.897	0.7215	1.115
rs182511	84495157	C	G	0.0211	0.01619	0.3281	1.134	0.8815	1.458
rs8057456	84510697	C	T	0.4018	0.3889	0.3347	1.035	0.9648	1.111
rs8047999	84505028	G	C	0.4708	0.4601	0.336	1.034	0.9662	1.106
rs424971	84503951	T	C	0.4534	0.4433	0.3474	1.033	0.9652	1.106
rs391855	84486122	A	T	0.4421	0.4301	0.3532	1.033	0.9646	1.106
rs398114	84486785	A	C	0.448	0.4362	0.359	1.033	0.9639	1.107
rs9924391	84487331	G	T	0.06471	0.06913	0.3604	0.9387	0.8197	1.075
rs58073431	84543416	G	C	0.02366	0.02609	0.3605	0.9032	0.7262	1.123
rs59821663	84543420	A	A	0.02366	0.02609	0.3605	0.9032	0.7262	1.123
rs73268906	84544188	A	G	0.02368	0.0261	0.3611	0.9034	0.7263	1.124
rs370703	84477981	C	T	0.3765	0.3666	0.3646	1.033	0.9632	1.108
rs12596295	84532576	G	A	0.08159	0.08545	0.3788	0.9464	0.8372	1.07
rs388405	84487398	G	A	0.06771	0.0718	0.3826	0.9425	0.825	1.077
rs438968	84477729	T	C	0.3783	0.3688	0.386	1.031	0.9618	1.106
rs903202	84505280	T	C	0.4854	0.4748	0.3912	1.03	0.9626	1.102
rs73268908	84544290	C	A	0.02364	0.02594	0.392	0.909	0.7306	1.131
rs416515	84488175	G	C	0.06441	0.06839	0.3941	0.9424	0.8223	1.08
rs398229	84488191	G	A	0.06441	0.06839	0.3941	0.9424	0.8223	1.08
rs305080	84499275	C	T	0.3562	0.3459	0.3953	1.032	0.9602	1.108
rs72807020	84535618	C	G	0.1041	0.1086	0.399	0.9538	0.8546	1.065
84546359	84546359	G	A	0.02379	0.02594	0.4004	0.9107	0.7323	1.133
rs11649318	84503982	G	C	0.3957	0.3859	0.4043	1.03	0.9609	1.104
rs433322	84482073	A	G	0.3796	0.3699	0.406	1.03	0.9606	1.105
rs454128	84485236	C	G	0.2769	0.2658	0.4132	1.033	0.9557	1.117
rs434216	84484514	T	C	0.3849	0.3747	0.4144	1.03	0.9597	1.105
rs9932449	84487333	C	A	0.06705	0.071	0.4147	0.9459	0.8276	1.081
rs57278440	84544999	G	C	0.02375	0.02593	0.4157	0.9134	0.7343	1.136

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs12596341	84524541	C	A	0.1055	0.1096	0.4167	0.9557	0.8568	1.066
rs59120392	84544797	C	T	0.02375	0.02593	0.4169	0.9136	0.7345	1.136
rs12149363	84486206	C	G	0.06313	0.06733	0.4188	0.9448	0.8235	1.084
84492016	84492016	A	C	0.05804	0.06149	0.4217	0.9427	0.8162	1.089
rs57396687	84542701	G	A	0.02391	0.0261	0.4306	0.9162	0.737	1.139
rs426900	84474799	T	C	0.0597	0.06392	0.4337	0.9428	0.8135	1.093
rs908983	84552021	T	C	0.3153	0.3095	0.4376	1.029	0.9567	1.108
rs73268912	84544401	C	A	0.02391	0.02596	0.4392	0.9176	0.7379	1.141
rs305088	84539102	C	T	0.3453	0.3404	0.4407	1.029	0.9575	1.105
rs12922615	84484196	C	T	0.06277	0.06633	0.4419	0.9473	0.8253	1.087
rs421710	84481015	G	C	0.3795	0.3702	0.4433	1.028	0.9584	1.102
rs305073	84515294	C	T	0.4165	0.4052	0.4454	1.028	0.9583	1.102
rs305074	84515321	T	C	0.4147	0.4034	0.4474	1.027	0.9584	1.101
84538025	84538025	C	G	0.03716	0.03301	0.4596	1.072	0.8921	1.287
rs403605	84485129	G	A	0.08845	0.09241	0.4599	0.9569	0.8513	1.076
rs391821	84479528	G	T	0.03772	0.03625	0.4637	1.072	0.8907	1.289
rs73268923	84546268	C	T	0.02374	0.02566	0.4686	0.9223	0.7411	1.148
rs369597	84486935	T	C	0.06761	0.0712	0.4716	0.9521	0.8329	1.088
84524043	84524043	G	A	0.02197	0.01965	0.4806	1.091	0.8565	1.39
rs369173	84486783	T	G	0.4557	0.4451	0.4833	1.025	0.9573	1.097
rs375288	84485372	G	A	0.3529	0.3428	0.4848	1.026	0.9548	1.102
rs11117418	84524028	T	G	0.1428	0.1457	0.4999	0.9675	0.8789	1.065
rs305090	84536847	C	T	0.3906	0.3878	0.5007	1.024	0.9554	1.098
rs7185022	84510430	C	A	0.4803	0.49	0.507	0.9772	0.9129	1.046
rs447919	84526058	C	T	0.3903	0.3866	0.509	1.024	0.9552	1.097
rs386098	84486701	G	A	0.06847	0.07177	0.51	0.9558	0.8355	1.093
rs55739703	84541492	C	G	0.02243	0.024	0.5223	0.9291	0.7416	1.164
rs6540236	84548591	G	A	0.2891	0.2844	0.5261	1.025	0.9502	1.105
rs371391	84487395	T	C	0.06749	0.07051	0.5265	0.9576	0.8374	1.095
rs11864884	84458540	C	T	0.2834	0.2804	0.5359	1.024	0.9502	1.103
rs8057009	84548424	T	G	0.2527	0.2491	0.5364	1.025	0.948	1.108
rs305092	84536618	G	A	0.3834	0.3817	0.5385	1.022	0.9532	1.096
rs6540238	84549328	G	A	0.2913	0.2866	0.5394	1.024	0.9495	1.104
rs9925859	84525223	G	C	0.3904	0.3867	0.5537	1.021	0.953	1.094
rs4843873	84547276	G	A	0.2947	0.2896	0.5539	1.023	0.9491	1.102
rs305064	84531643	C	T	0.3619	0.3609	0.5568	1.021	0.952	1.096
rs73268928	84547653	C	G	0.02316	0.02443	0.5663	0.937	0.75	1.17
rs2017161	84470594	A	C	0.2891	0.2953	0.5676	0.9786	0.9085	1.054
84504605	84504605	A	C	0.09743	0.1001	0.5925	0.9689	0.8631	1.088
rs2361764	84550459	C	G	0.3036	0.299	0.5926	1.021	0.9472	1.1
rs439390	84476707	A	G	0.37	0.3637	0.5968	1.019	0.9493	1.095
rs305094	84535606	T	C	0.3475	0.3477	0.6147	1.018	0.9486	1.093
rs4240807	84542862	C	A	0.2805	0.275	0.6175	1.02	0.945	1.1
rs8062669	84530493	C	T	0.04224	0.03877	0.6177	1.045	0.8802	1.24
rs305091	84536744	G	A	0.388	0.387	0.6211	1.018	0.9495	1.091
rs305093	84536086	C	T	0.3467	0.3471	0.6224	1.018	0.9482	1.093
rs4843876	84550233	A	T	0.3022	0.2986	0.6267	1.019	0.9458	1.097
rs11117412	84484343	C	A	0.2625	0.2545	0.6319	1.019	0.9421	1.103
rs2885364	84550691	T	A	0.3028	0.2995	0.639	1.018	0.9449	1.097
rs305067	84529341	G	C	0.3578	0.3581	0.64	1.018	0.9449	1.097
84553110	84553110	G	C	0.02192	0.02263	0.6432	0.9472	0.7532	1.191
rs305061	84533160	T	C	0.3504	0.3506	0.6554	1.016	0.9468	1.091
rs1915034	84542858	G	A	0.2814	0.2761	0.6559	1.017	0.9431	1.098
rs13338943	84510452	G	T	0.1155	0.1189	0.6613	0.977	0.8805	1.084
rs965773	84537847	C	A	0.4731	0.4738	0.665	0.9852	0.9207	1.054
rs2049086	84552380	G	T	0.3056	0.3027	0.6684	1.017	0.9431	1.096
rs925992	84548081	C	T	0.294	0.2898	0.6693	1.017	0.9422	1.097
rs4843855	84460047	C	T	0.3032	0.294	0.6704	1.017	0.9421	1.097
rs305065	84531367	C	G	0.3622	0.3623	0.6806	1.015	0.9462	1.088
rs908982	84552384	C	A	0.3072	0.3043	0.6811	1.016	0.9427	1.094
rs731707	84538469	T	C	0.4757	0.4772	0.683	0.986	0.9216	1.055
rs11645398	84553796	A	G	0.3129	0.3091	0.6947	1.015	0.9427	1.093
rs7200396	84469798	T	C	0.2926	0.2968	0.7056	0.9859	0.9156	1.061
rs9936199	84470118	A	G	0.2927	0.2968	0.7079	0.986	0.9157	1.062
rs305089	84538531	C	T	0.3447	0.3467	0.7166	1.013	0.9436	1.088

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs4843874	84547399	T	C	0.2954	0.2918	0.7207	1.014	0.9408	1.092
84476544	84476544	A	C	0.06579	0.06798	0.7245	0.9759	0.852	1.118
84462539	84462539	T	C	0.0236	0.02524	0.728	0.9607	0.7664	1.204
84533939	84533939	A	C	0.0425	0.03961	0.7387	1.03	0.867	1.223
rs8048151	84546099	T	C	0.2904	0.286	0.7387	1.013	0.9394	1.092
rs9932159	84470103	C	T	0.2922	0.2962	0.7422	0.9876	0.9171	1.064
rs448136	84478848	A	C	0.3779	0.3736	0.7578	1.011	0.9426	1.085
rs16940100	84533460	C	T	0.04162	0.03924	0.7617	1.027	0.8652	1.219
84533672	84533672	C	T	0.04162	0.03924	0.7617	1.027	0.8652	1.219
84533804	84533804	T	C	0.04162	0.03925	0.7628	1.027	0.8651	1.219
rs878454	84523673	G	A	0.2455	0.2425	0.7653	1.012	0.9356	1.095
rs6540235	84546396	C	T	0.3186	0.3145	0.7691	1.011	0.9395	1.088
rs572967	84484995	A	G	0.3492	0.3426	0.7706	1.011	0.9411	1.085
rs11642456	84553581	G	T	0.3195	0.3172	0.777	1.011	0.9398	1.087
84498477	84498477	T	G	0.01833	0.01927	0.7832	0.9651	0.7494	1.243
rs908981	84552926	C	T	0.3195	0.3172	0.7834	1.01	0.9395	1.086
rs12446139	84553085	A	G	0.3195	0.3172	0.7834	1.01	0.9395	1.086
rs12919427	84553160	G	A	0.3195	0.3172	0.7834	1.01	0.9395	1.086
rs12930405	84553163	G	C	0.3195	0.3172	0.7834	1.01	0.9395	1.086
rs908984	84542530	A	T	0.3066	0.3022	0.7841	1.01	0.9384	1.088
rs1915033	84542932	G	A	0.3065	0.3024	0.7847	1.01	0.9383	1.088
rs11861479	84523794	T	G	0.1257	0.1258	0.7869	0.986	0.8901	1.092
rs908986	84542429	C	G	0.3056	0.3016	0.7886	1.01	0.9382	1.088
rs8054065	84508855	G	A	0.4987	0.4994	0.7895	1.009	0.943	1.08
rs903201	84523785	T	C	0.1258	0.1258	0.7947	0.9865	0.8906	1.093
rs10863202	84545499	G	A	0.3177	0.3143	0.7982	1.01	0.938	1.087
rs17444416	84505599	G	A	0.05992	0.05924	0.8002	1.019	0.8826	1.176
rs9929675	84464599	G	A	0.2883	0.2917	0.8127	0.991	0.9199	1.068
rs9929701	84464675	G	C	0.2884	0.2917	0.8174	0.9913	0.9201	1.068
rs9930043	84465079	G	C	0.2884	0.2912	0.8235	0.9916	0.9204	1.068
rs908985	84542503	C	T	0.3059	0.3021	0.827	1.008	0.9365	1.086
rs1879213	84530977	C	T	0.09826	0.09787	0.8327	0.9878	0.8817	1.107
rs1044873	84513172	G	A	0.3889	0.384	0.8352	1.008	0.939	1.081
rs4843321	84511577	T	C	0.3858	0.3807	0.8364	1.007	0.9389	1.081
rs11117417	84523830	A	T	0.1257	0.1255	0.8433	0.9897	0.8934	1.096
rs9937847	84475052	T	C	0.07238	0.0744	0.8442	0.987	0.8667	1.124
rs16940099	84533441	T	C	0.04044	0.03844	0.8448	1.017	0.8554	1.21
rs4843872	84543172	G	A	0.3063	0.3029	0.8461	1.007	0.9357	1.085
rs11649461	84553758	T	C	0.3363	0.3334	0.8465	1.007	0.9364	1.083
rs9924234	84465076	T	C	0.2886	0.2915	0.849	0.9928	0.9216	1.07
rs7186247	84546570	G	T	0.3179	0.3147	0.8505	1.007	0.9358	1.084
rs12596291	84532538	G	C	0.09795	0.0974	0.8506	0.9891	0.8826	1.108
rs9932359	84465411	G	A	0.2886	0.2915	0.8525	0.993	0.9217	1.07
rs3751712	84511456	T	C	0.4038	0.4026	0.8527	0.9932	0.9238	1.068
rs305072	84513164	A	G	0.02012	0.01779	0.8541	1.023	0.7997	1.31
rs59403904	84543458	C	T	0.01783	0.01769	0.8544	1.025	0.7897	1.33
84513230	84513230	C	A	0.4888	0.4949	0.8663	0.9941	0.9274	1.066
rs16940088	84531870	C	T	0.09818	0.09763	0.8685	0.9904	0.8839	1.11
rs13336885	84469034	T	C	0.2913	0.294	0.8727	0.9939	0.9223	1.071
rs56834409	84532277	A	G	0.09816	0.09749	0.8785	0.9912	0.8845	1.111
rs16940101	84535626	A	G	0.04295	0.04113	0.8815	1.013	0.856	1.198
rs8050476	84530705	A	G	0.04358	0.04155	0.8827	1.013	0.8566	1.197
rs17444745	84519063	G	A	0.1673	0.1694	0.893	0.9939	0.9086	1.087
rs8044852	84552728	G	A	0.3209	0.3194	0.8935	1.005	0.9343	1.081
rs1568391	84512805	T	G	0.4735	0.4791	0.9043	0.9958	0.9291	1.067
84529220	84529220	C	T	0.01522	0.01471	0.914	1.016	0.7635	1.352
rs4843871	84543036	A	G	0.3149	0.3124	0.915	1.004	0.933	1.08
rs11639990	84536305	C	G	0.128	0.1266	0.916	1.005	0.9086	1.113
rs305075	84517136	G	T	0.4716	0.4768	0.9178	0.9964	0.9307	1.067
rs16940104	84535711	G	T	0.04127	0.03964	0.9204	1.009	0.85	1.197
rs878453	84523664	T	C	0.3784	0.3766	0.9243	1.003	0.9355	1.076
rs7190319	84536046	A	G	0.1277	0.1262	0.9253	1.005	0.9079	1.112
rs10863201	84543272	T	C	0.3216	0.3191	0.9271	1.003	0.9318	1.081
rs908988	84542101	A	G	0.3234	0.3221	0.9304	0.9968	0.9266	1.072
84530967	84530967	C	T	0.02664	0.02759	0.9305	0.9908	0.804	1.221

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs875529	84524187	G	C	0.1277	0.127	0.9307	0.9955	0.8995	1.102
rs6540232	84478303	T	C	0.3338	0.3297	0.9326	1.003	0.933	1.079
rs7185692	84527553	C	G	0.1263	0.1255	0.9353	0.9958	0.8993	1.103
rs9308363	84481566	T	C	0.3379	0.3345	0.9453	0.9975	0.9286	1.072
84510896	84510896	G	A	0.01774	0.01825	0.957	1.007	0.7767	1.306
rs12596376	84477898	A	C	0.2675	0.2626	0.9578	1.002	0.9274	1.083
rs6540234	84540557	C	T	0.3039	0.3039	0.9695	0.9986	0.9275	1.075
rs7193803	84483174	T	G	0.338	0.3344	0.97	0.9986	0.9295	1.073
rs12598785	84521809	A	G	0.1328	0.1335	0.9776	1.001	0.9061	1.107
rs11860517	84524000	A	G	0.1284	0.1275	0.9794	0.9987	0.9024	1.105
rs7199472	84546685	T	G	0.3179	0.316	0.982	1.001	0.9302	1.077
rs6638	84513545	T	A	0.4889	0.494	0.9925	0.9997	0.9326	1.072
rs7186094	84535988	G	T	0.127	0.1261	0.9943	1	0.9039	1.107
rs10400953	84526344	C	T	0.127	0.1258	0.9969	1	0.9034	1.107
rs9936406	84476343	C	T	0.3316	0.328	0.997	1	0.9305	1.075
84482479	84482479	A	C	0.3381	0.3345	0.9983	0.9999	0.9307	1.074

Table S4: IRF8—Imputed Data for African Americans

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
84489106	84489106	A	T	0.02376	0.01835	0.1516	1.308	0.9063	1.887
84491140	84491140	A	T	0.02387	0.02115	0.273	1.211	0.86	1.705
84492643	84492643	T	G	0.01186	0.01719	0.04563	0.6358	0.4078	0.9912
84492921	84492921	T	G	0.0112	0.01697	0.02834	0.6143	0.3974	0.9496
84494602	84494602	C	T	0.03973	0.03598	0.4987	1.1	0.8349	1.449
84496333	84496333	C	T	0.07199	0.0772	0.5764	0.946	0.7786	1.149
84497036	84497036	A	C	0.02536	0.0214	0.1964	1.247	0.8921	1.743
84497964	84497964	C	T	0.01492	0.008114	0.01952	1.8	1.099	2.949
84498106	84498106	A	C	0.04145	0.03628	0.3056	1.156	0.8759	1.526
84499982	84499982	G	A	0.01693	0.008718	0.007347	1.908	1.19	3.061
84500960	84500960	T	G	0.0146	0.01607	0.5292	0.8728	0.5714	1.333
84503190	84503190	C	G	0.03179	0.03563	0.6407	0.9342	0.7021	1.243
84504395	84504395	G	A	0.03232	0.03513	0.7711	0.9582	0.7188	1.277
84504557	84504557	C	T	0.03138	0.03486	0.6754	0.9398	0.703	1.257
84504944	84504944	A	C	0.03378	0.02745	0.13	1.27	0.932	1.731
84505029	84505029	G	A	0.03197	0.03488	0.8021	0.9637	0.7218	1.287
84505413	84505413	G	A	0.03347	0.02994	0.3068	1.163	0.8709	1.552
84505809	84505809	C	T	0.01474	0.01834	0.1756	0.7546	0.5022	1.134
84505873	84505873	C	T	0.02907	0.03301	0.5581	0.9141	0.6768	1.235
84505978	84505978	A	C	0.135	0.1384	0.845	1.015	0.8719	1.182
84505981	84505981	T	A	0.135	0.1386	0.8523	1.015	0.8713	1.181
84507124	84507124	A	C	0.01722	0.009565	0.01459	1.787	1.122	2.848
84508158	84508158	T	A	0.02704	0.0248	0.3071	1.183	0.857	1.632
84509238	84509238	C	T	0.01854	0.01028	0.005359	1.879	1.205	2.93
84510613	84510613	G	T	0.1109	0.1138	0.5313	0.9483	0.8031	1.12
84511805	84511805	C	T	0.08487	0.08515	0.5975	1.051	0.8737	1.264
84511839	84511839	A	C	0.04969	0.05347	0.5002	0.9219	0.7278	1.168
84512383	84512383	C	T	0.04662	0.03659	0.0962	1.241	0.9622	1.601
84513118	84513118	A	C	0.02111	0.02314	0.793	0.9526	0.6629	1.369
84513759	84513759	A	C	0.02209	0.02375	0.8566	0.9675	0.6764	1.384
84514732	84514732	A	C	0.02101	0.02295	0.7814	0.9503	0.6632	1.362
84515002	84515002	C	T	0.06564	0.05994	0.2166	1.142	0.9252	1.409
84515682	84515682	A	G	0.0382	0.03129	0.2042	1.198	0.9063	1.584
84515779	84515779	A	C	0.0225	0.02232	0.7888	1.05	0.7342	1.502
84515848	84515848	A	C	0.02101	0.02295	0.779	0.9498	0.6628	1.361
84515863	84515863	A	C	0.02139	0.02297	0.8462	0.9652	0.6746	1.381
84515870	84515870	A	C	0.02104	0.02301	0.7817	0.9504	0.6631	1.362
84516377	84516377	A	C	0.02172	0.02281	0.9701	1.007	0.7027	1.443
84517309	84517309	A	C	0.008054	0.01266	0.01694	0.5378	0.3233	0.8948
84518037	84518037	A	C	0.01735	0.00981	0.01437	1.81	1.126	2.911
84519589	84519589	G	A	0.0137	0.007295	0.0172	1.935	1.124	3.33
84520866	84520866	G	A	0.0102	0.01343	0.1295	0.6876	0.4236	1.116
84521073	84521073	G	A	0.02835	0.03107	0.4035	0.879	0.6496	1.19
84522279	84522279	G	A	0.03976	0.03244	0.2169	1.189	0.9035	1.564
84523106	84523106	A	C	0.02092	0.01812	0.7174	1.069	0.7435	1.538
84523433	84523433	A	C	0.1664	0.1595	0.4485	1.055	0.9187	1.211
84523564	84523564	G	A	0.03774	0.03533	0.9366	1.011	0.7729	1.322
84524648	84524648	G	A	0.03197	0.02781	0.4639	1.118	0.8299	1.505
84524665	84524665	C	A	0.3823	0.4128	0.005096	0.8623	0.7774	0.9565
84524668	84524668	C	A	0.3795	0.4098	0.006223	0.8645	0.7789	0.9596
84524720	84524720	C	A	0.0889	0.1097	0.001085	0.7537	0.6361	0.893
84525116	84525116	C	T	0.009929	0.01081	0.5265	0.8465	0.5054	1.418
84525893	84525893	G	A	0.03259	0.03224	0.9921	0.9986	0.7512	1.327
84527141	84527141	A	C	0.1251	0.1296	0.5725	0.9572	0.8224	1.114
84528054	84528054	T	C	0.03163	0.03286	0.6542	0.9353	0.698	1.253
84528467	84528467	C	G	0.02133	0.01883	0.8174	1.043	0.7301	1.49
84529195	84529195	C	T	0.02131	0.01858	0.7545	1.059	0.7402	1.514
84530056	84530056	G	T	0.02102	0.01834	0.7497	1.06	0.7394	1.521
84531120	84531120	C	A	0.01385	0.01729	0.295	0.805	0.5365	1.208
84531157	84531157	C	T	0.03666	0.03532	0.922	0.9867	0.7547	1.29

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
84532153	84532153	G	A	0.0363	0.03532	0.8585	0.9759	0.7461	1.276
84532251	84532251	C	A	0.05191	0.06114	0.2422	0.8746	0.6987	1.095
84532751	84532751	C	A	0.05191	0.06111	0.2443	0.8751	0.6991	1.095
84532869	84532869	C	T	0.03441	0.03422	0.7791	0.9615	0.731	1.265
84533672	84533672	C	T	0.01283	0.01505	0.3773	0.8263	0.5409	1.262
84533804	84533804	T	C	0.01283	0.01505	0.3773	0.8263	0.5409	1.262
84534005	84534005	G	C	0.04136	0.03171	0.01947	1.396	1.055	1.847
84535351	84535351	A	T	0.04221	0.0367	0.3851	1.123	0.864	1.461
84535387	84535387	C	T	0.04221	0.0367	0.3851	1.123	0.864	1.461
84535501	84535501	C	T	0.03663	0.03547	0.7184	1.052	0.7984	1.386
84536862	84536862	G	A	0.04134	0.04599	0.329	0.8834	0.6888	1.133
84537377	84537377	G	A	0.04521	0.04157	0.742	1.043	0.8103	1.344
84537750	84537750	C	A	0.03717	0.03587	0.6271	1.07	0.8136	1.408
84541385	84541385	C	A	0.05253	0.0532	0.4831	1.086	0.8627	1.367
84542243	84542243	C	T	0.01951	0.01893	0.8213	1.045	0.7156	1.525
84542469	84542469	C	A	0.02741	0.0244	0.3337	1.173	0.8485	1.622
84542720	84542720	A	C	0.06008	0.06156	0.5566	1.066	0.8611	1.32
84542848	84542848	T	C	0.02419	0.02372	0.7814	1.049	0.75	1.466
84543177	84543177	C	T	0.01883	0.01864	0.9516	0.9883	0.675	1.447
84543380	84543380	C	G	0.06154	0.06407	0.7756	1.031	0.8364	1.27
84544270	84544270	C	T	0.02679	0.02735	0.6297	0.9245	0.6719	1.272
84546359	84546359	G	A	0.08094	0.08105	0.9767	1.003	0.8365	1.202
84548901	84548901	G	T	0.05212	0.04299	0.1105	1.217	0.9562	1.549
84550849	84550849	G	T	0.01425	0.01648	0.4011	0.8302	0.5377	1.282
84554073	84554073	C	T	0.008523	0.01207	0.3118	0.7592	0.4452	1.295
84556512	84556512	G	A	0.0167	0.01868	0.7131	0.9275	0.6211	1.385
rs1021479	84514915	T	C	0.1088	0.09679	0.06182	1.172	0.9922	1.384
rs1021480	84516471	A	G	0.4477	0.4379	0.1174	1.086	0.9794	1.205
rs1021481	84516521	G	A	0.4469	0.4401	0.1942	1.071	0.9659	1.187
rs1044873	84513172	G	A	0.465	0.4549	0.4078	1.044	0.9425	1.157
rs10514610	84499676	G	C	0.3107	0.3022	0.3602	1.053	0.9423	1.178
rs10514611	84512743	C	T	0.2341	0.2438	0.9575	0.9967	0.8834	1.125
rs10863203	84551081	C	T	0.09394	0.1041	0.1977	0.8955	0.7571	1.059
rs11117415	84508187	A	G	0.2734	0.2703	0.8845	1.009	0.8993	1.131
rs11117416	84515825	C	G	0.1701	0.1831	0.5294	0.9578	0.8372	1.096
rs11117418	84524028	T	G	0.2172	0.2265	0.4182	0.9505	0.8405	1.075
rs11117419	84529383	C	G	0.2904	0.3159	0.06195	0.8993	0.8045	1.005
rs11117420	84529423	G	C	0.1925	0.1934	0.6891	0.9739	0.8553	1.109
rs11117421	84529461	G	A	0.2905	0.3157	0.06713	0.9012	0.8063	1.007
rs11117422	84529514	G	C	0.1251	0.1283	0.6799	0.9683	0.8309	1.128
rs11117423	84529682	T	C	0.2908	0.316	0.0653	0.9006	0.8058	1.007
rs11117424	84529738	A	G	0.2908	0.316	0.0653	0.9006	0.8058	1.007
rs11117425	84529772	C	T	0.2908	0.3158	0.06452	0.9003	0.8055	1.006
rs11117426	84547768	T	C	0.1193	0.1289	0.1074	0.8824	0.7578	1.028
rs11639990	84536305	G	C	0.2238	0.2421	0.1805	0.9206	0.8157	1.039
rs11641153	84530641	A	G	0.08837	0.09136	0.4849	0.938	0.7839	1.122
rs11642286	84479110	A	G	0.01376	0.01242	0.5838	1.134	0.7236	1.776
rs11642456	84553581	G	T	0.1353	0.1539	0.06264	0.8706	0.7523	1.007
rs11642583	84496096	T	G	0.2248	0.2185	0.8127	1.015	0.9005	1.143
rs11642873	84549206	A	C	0.05286	0.05086	0.8826	0.983	0.7828	1.234
rs11643999	84530070	G	A	0.2927	0.3175	0.065	0.9007	0.8061	1.007
rs11644034	84530113	G	A	0.1246	0.129	0.5134	0.9502	0.8153	1.107
rs11644411	84517732	G	C	0.3143	0.3213	0.8639	0.9903	0.886	1.107
rs11645398	84553796	A	G	0.1198	0.1369	0.07137	0.8651	0.739	1.013
rs11646027	84513898	T	C	0.2439	0.2474	0.6315	1.03	0.9122	1.163
rs11648012	84529908	C	T	0.2913	0.3163	0.06643	0.9009	0.8059	1.007
rs11648084	84530099	C	T	0.2927	0.317	0.06469	0.9006	0.8059	1.006
rs11648716	84464117	A	G	0.04882	0.05356	0.2391	0.872	0.6941	1.095
rs11649271	84505830	T	C	0.08654	0.08951	0.6816	0.963	0.8045	1.153
rs11649318	84503982	C	G	0.4567	0.4551	0.8991	1.007	0.9078	1.116

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs11649549	84493298	T	C	0.2505	0.2499	0.5317	1.038	0.9227	1.169
rs11859063	84552197	A	C	0.04623	0.05577	0.1227	0.8315	0.6578	1.051
rs11860464	84482464	A	T	0.1633	0.1604	0.9767	1.002	0.8722	1.151
rs11860480	84523959	A	C	0.3164	0.3304	0.2365	0.9362	0.8394	1.044
rs11860517	84524000	A	G	0.2228	0.2316	0.3615	0.9445	0.8355	1.068
rs11861479	84523794	T	G	0.2127	0.2246	0.2541	0.9292	0.819	1.054
rs11861580	84456048	C	G	0.3109	0.3062	0.9037	1.007	0.9018	1.124
rs11861594	84546240	G	A	0.01718	0.01975	0.673	0.9218	0.6315	1.345
rs11862450	84494534	G	C	0.02816	0.02376	0.1703	1.25	0.9087	1.718
rs11863590	84503995	A	G	0.3518	0.3541	0.8705	0.9909	0.8877	1.106
rs11864884	84458540	A	G	0.4787	0.4809	0.6993	0.9801	0.8851	1.085
rs11865366	84476840	G	A	0.01115	0.01273	0.5593	0.8716	0.5495	1.382
rs11865854	84495152	C	T	0.08741	0.09403	0.7566	0.9719	0.8116	1.164
rs11866609	84480582	C	G	0.2901	0.2684	0.0778	1.108	0.9887	1.241
rs11866752	84510994	G	T	0.1777	0.1692	0.6123	1.035	0.9068	1.181
rs12051539	84524038	G	C	0.1387	0.1487	0.4619	0.947	0.8192	1.095
rs12149363	84486206	C	G	0.08625	0.09658	0.174	0.8859	0.744	1.055
rs12149636	84528721	C	G	0.2959	0.3206	0.05682	0.8978	0.8035	1.003
rs12149642	84528922	C	T	0.2901	0.3157	0.05999	0.8985	0.8036	1.005
rs12325647	84476803	A	G	0.1488	0.1453	0.8571	1.013	0.8802	1.166
rs12444221	84524786	C	T	0.09651	0.09806	0.6459	0.9605	0.8086	1.141
rs12444486	84550150	T	C	0.4055	0.4166	0.2261	0.9395	0.8493	1.039
rs12445476	84548770	A	C	0.07733	0.08398	0.06525	0.8411	0.6997	1.011
rs12446139	84553085	A	G	0.1348	0.1536	0.0573	0.8682	0.7505	1.004
rs12596341	84524541	C	A	0.01606	0.02187	0.06415	0.701	0.4813	1.021
rs12598434	84530560	G	T	0.2923	0.3164	0.06936	0.9023	0.8075	1.008
rs12598785	84521809	A	G	0.2231	0.2293	0.2527	0.9318	0.8255	1.052
rs12711490	84530529	T	C	0.09201	0.0953	0.453	0.9349	0.7842	1.115
rs12919427	84553160	G	A	0.135	0.1538	0.05963	0.8692	0.7513	1.006
rs12923978	84503825	T	C	0.3585	0.3581	0.984	0.9989	0.8946	1.115
rs12924316	84493764	C	T	0.04224	0.04503	0.427	0.9069	0.7125	1.154
rs12926601	84459167	G	A	0.2807	0.2755	0.9079	1.007	0.8983	1.128
rs12926854	84508759	A	G	0.1274	0.132	0.3643	0.9326	0.802	1.084
rs12929551	84510511	C	T	0.04388	0.04097	0.7867	1.035	0.8088	1.323
rs12930347	84461177	A	G	0.3327	0.3601	0.06123	0.903	0.8116	1.005
rs12930405	84553163	G	C	0.135	0.1538	0.05963	0.8692	0.7513	1.006
rs12935659	84463429	A	G	0.3365	0.3533	0.1667	0.9285	0.8358	1.031
rs13330025	84495034	A	T	0.06673	0.06968	0.9563	0.9943	0.8117	1.218
rs13330075	84495083	A	G	0.06702	0.07178	0.8085	0.9754	0.7974	1.193
rs13330200	84458685	A	G	0.01933	0.01491	0.1147	1.368	0.9268	2.02
rs13330932	84530208	C	T	0.2236	0.227	0.5393	0.9622	0.8509	1.088
rs13331970	84505479	G	A	0.06667	0.08107	0.03973	0.8145	0.6699	0.9904
rs13332649	84524184	A	G	0.0839	0.08434	0.8008	0.9764	0.8113	1.175
rs13333193	84547043	G	A	0.02249	0.03428	0.001407	0.606	0.4457	0.8241
rs13335265	84530311	G	C	0.08899	0.09455	0.2879	0.9068	0.7572	1.086
rs13337463	84545523	A	G	0.2316	0.2485	0.2048	0.9256	0.8214	1.043
rs13338943	84510452	G	T	0.1412	0.1522	0.2084	0.9118	0.7897	1.053
rs1472235	84518468	G	A	0.2773	0.2736	0.2929	1.064	0.9481	1.193
rs147968	84503340	G	A	0.3319	0.3202	0.3827	1.049	0.9424	1.167
rs1519976	84503176	G	T	0.4312	0.4241	0.397	1.046	0.9428	1.16
rs16882	84493074	T	C	0.2543	0.2524	0.449	1.046	0.9304	1.177
rs16939834	84458109	A	C	0.1684	0.1651	0.3588	1.065	0.9308	1.219
rs16939874	84475246	G	A	0.05161	0.05247	0.9861	1.002	0.7972	1.26
rs16939906	84493007	C	T	0.03816	0.03577	0.7938	1.036	0.7924	1.356
rs16939917	84499921	T	A	0.3217	0.3045	0.1791	1.08	0.9653	1.208
rs16939930	84501600	T	A	0.05206	0.03876	0.02203	1.324	1.041	1.683
rs16939941	84502705	C	T	0.05213	0.0387	0.02305	1.322	1.039	1.682
rs16939967	84506974	G	T	0.0859	0.08315	0.8436	0.9821	0.8211	1.175
rs16939969	84507645	T	C	0.2074	0.2217	0.1989	0.9219	0.8143	1.044
rs16939975	84508399	A	G	0.05567	0.04663	0.1328	1.199	0.9463	1.519

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs16939982	84510004	A	G	0.05676	0.0508	0.09154	1.215	0.969	1.524
rs16939994	84510669	C	G	0.04612	0.05348	0.03535	0.7796	0.6183	0.9831
rs16940005	84511183	G	C	0.04334	0.041	0.8285	1.028	0.8031	1.315
rs16940007	84511788	C	T	0.05956	0.05794	0.5167	1.075	0.8638	1.338
rs16940009	84512089	G	C	0.1308	0.1299	0.8875	0.9893	0.852	1.149
rs16940010	84512135	C	G	0.06964	0.06689	0.434	1.084	0.8856	1.327
rs16940012	84512344	A	G	0.04539	0.03763	0.2083	1.177	0.9133	1.516
rs16940020	84515007	G	A	0.06299	0.05635	0.519	1.072	0.8675	1.325
rs16940023	84516215	C	T	0.1517	0.1324	0.02213	1.183	1.024	1.366
rs16940044	84525266	G	A	0.4364	0.4772	0.0004732	0.8322	0.7507	0.9225
rs16940083	84530130	C	T	0.222	0.2164	0.2431	1.078	0.9505	1.222
rs16940087	84531752	C	T	0.1999	0.1907	0.09274	1.118	0.9817	1.273
rs16940088	84531870	C	T	0.1668	0.1912	0.03709	0.867	0.7581	0.9915
rs16940099	84533441	T	C	0.009855	0.0139	0.1324	0.7009	0.4413	1.113
rs16940100	84533460	C	T	0.01283	0.01505	0.3773	0.8263	0.5409	1.262
rs16940101	84535626	A	G	0.0275	0.03151	0.2013	0.8244	0.6131	1.109
rs16940103	84535710	G	T	0.01901	0.02667	0.06562	0.7203	0.508	1.021
rs16940104	84535711	G	T	0.02404	0.02809	0.21	0.8175	0.5967	1.12
rs16940110	84537074	T	C	0.02353	0.02179	0.5638	1.109	0.7813	1.573
rs170033	84489005	G	A	0.4359	0.4517	0.3851	0.955	0.8609	1.06
rs172573	84500925	A	G	0.05803	0.06799	0.1426	0.8562	0.6958	1.054
rs17444745	84519063	G	A	0.03504	0.03702	0.4495	0.9002	0.6855	1.182
rs17810337	84551566	C	A	0.09398	0.1046	0.1853	0.8925	0.7543	1.056
rs182511	84495157	C	G	0.09498	0.1027	0.2577	0.905	0.7614	1.076
rs186249	84528397	G	C	0.2983	0.2696	0.01661	1.148	1.025	1.286
rs1879213	84530977	C	T	0.1662	0.1891	0.05376	0.8762	0.766	1.002
rs188602	84489852	C	T	0.3499	0.3706	0.2015	0.9335	0.8399	1.037
rs191022	84489633	C	G	0.4561	0.4666	0.3754	0.9552	0.8632	1.057
rs1915033	84542932	C	T	0.3419	0.3576	0.2536	0.941	0.8476	1.045
rs1915034	84542858	G	A	0.2031	0.2187	0.07443	0.8943	0.7911	1.011
rs2017161	84470594	A	C	0.3134	0.3382	0.01335	0.8739	0.7854	0.9724
rs2049086	84552380	G	T	0.1347	0.1536	0.06223	0.8698	0.7512	1.007
rs2172625	84522286	T	C	0.124	0.1213	0.6325	1.039	0.8877	1.216
rs2270501	84490489	C	T	0.03635	0.03506	0.9263	0.9876	0.7576	1.287
rs2280378	84510246	G	A	0.3363	0.337	0.9165	1.006	0.9035	1.12
rs2292980	84502577	T	C	0.4889	0.49	0.825	0.9885	0.8925	1.095
rs2292982	84502324	G	T	0.4141	0.4094	0.8134	1.012	0.9135	1.122
rs2361763	84550635	T	C	0.2847	0.2881	0.9857	1.001	0.8947	1.12
rs2361764	84550459	C	G	0.212	0.2275	0.2631	0.9328	0.8259	1.054
rs28366896	84505943	G	A	0.0687	0.07931	0.1254	0.8584	0.7061	1.043
rs28368112	84488458	G	C	0.1371	0.1251	0.2241	1.098	0.9446	1.275
rs28407896	84507957	C	T	0.2056	0.2209	0.1699	0.9167	0.8097	1.038
rs28552575	84506805	A	T	0.1974	0.2128	0.2063	0.9219	0.8126	1.046
rs28631400	84507948	C	T	0.2056	0.2209	0.1699	0.9167	0.8097	1.038
rs2885364	84550691	A	T	0.09532	0.1073	0.133	0.8801	0.745	1.04
rs2934497	84525379	T	C	0.4367	0.4772	0.0005118	0.8331	0.7515	0.9235
rs2934498	84525783	G	A	0.4367	0.4776	0.0004088	0.8305	0.7492	0.9206
rs2934499	84527604	C	T	0.07855	0.09756	0.003049	0.7591	0.6326	0.9109
rs2970090	84525392	A	G	0.2141	0.2397	0.003978	0.8367	0.741	0.9446
rs2970091	84525387	A	G	0.4368	0.4772	0.0005314	0.8336	0.752	0.924
rs2970092	84522649	G	A	0.04289	0.04252	0.7174	1.047	0.8159	1.344
rs2970093	84522329	C	T	0.1272	0.126	0.6623	1.035	0.8874	1.207
rs305059	84533519	A	G	0.1629	0.1784	0.02697	0.8589	0.7506	0.9828
rs305060	84533417	C	T	0.1615	0.177	0.02917	0.8607	0.7522	0.9849
rs305061	84533160	T	C	0.1526	0.1594	0.1476	0.9024	0.7853	1.037
rs305064	84531643	G	A	0.0742	0.0885	0.01178	0.7894	0.6568	0.9489
rs305065	84531367	C	G	0.07279	0.08696	0.01305	0.7905	0.6565	0.9517
rs305067	84529341	G	C	0.07796	0.09248	0.01417	0.7945	0.661	0.9548
rs305069	84507059	C	T	0.1749	0.1701	0.8635	1.012	0.8796	1.165
rs305070	84506925	A	G	0.103	0.1137	0.1795	0.8951	0.7615	1.052

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs305071	84506772	G	A	0.2856	0.3096	0.0697	0.9034	0.8094	1.008
rs305072	84513164	A	G	0.09311	0.09181	0.3509	1.088	0.9116	1.298
rs305073	84515294	T	C	0.4354	0.4398	0.3859	0.9555	0.8621	1.059
rs305074	84515321	C	T	0.4224	0.4335	0.1989	0.9343	0.8422	1.036
rs305075	84517136	G	T	0.2098	0.2232	0.09983	0.9016	0.797	1.02
rs305077	84500967	C	T	0.4038	0.3954	0.6874	1.021	0.9221	1.131
rs305078	84500644	A	G	0.1956	0.2013	0.7908	0.983	0.8661	1.116
rs305079	84499997	T	C	0.3377	0.3331	0.6497	1.025	0.9205	1.142
rs305080	84499275	T	C	0.3768	0.3826	0.5801	0.9708	0.8742	1.078
rs305081	84498831	A	C	0.04625	0.04843	0.8905	1.017	0.796	1.3
rs305082	84494479	C	T	0.4744	0.4814	0.3927	0.9564	0.8635	1.059
rs305083	84493379	A	G	0.3883	0.3771	0.5794	1.031	0.9264	1.147
rs305084	84491669	T	C	0.01378	0.02101	0.01181	0.6033	0.4071	0.8941
rs305085	84490744	G	A	0.01948	0.02269	0.6558	0.9219	0.6447	1.318
rs305086	84540022	G	A	0.3657	0.3496	0.1822	1.074	0.9672	1.192
rs305088	84539102	C	T	0.08918	0.1032	0.02869	0.8243	0.6933	0.9801
rs305089	84538531	C	T	0.09856	0.1126	0.01646	0.8196	0.6966	0.9643
rs305090	84536847	C	T	0.1928	0.2047	0.03678	0.8731	0.7687	0.9917
rs305091	84536744	G	A	0.1078	0.1203	0.02981	0.8395	0.7169	0.983
rs305092	84536618	G	A	0.1537	0.1675	0.02396	0.854	0.7447	0.9794
rs305093	84536086	C	T	0.09754	0.1098	0.03853	0.8406	0.7131	0.9909
rs305094	84535606	T	C	0.1651	0.1712	0.1414	0.9033	0.7889	1.034
rs305095	84535500	C	T	0.4964	0.4653	0.002335	1.167	1.057	1.29
rs305096	84535433	C	T	0.04967	0.04535	0.2286	1.16	0.9109	1.478
rs305097	84535412	G	A	0.4844	0.4532	0.002259	1.174	1.059	1.302
rs34337659	84525158	C	T	0.4364	0.4775	0.0003973	0.8303	0.749	0.9203
rs366078	84522064	T	C	0.1271	0.1244	0.5904	1.043	0.8939	1.218
rs366304	84502301	G	T	0.0946	0.1097	0.2249	0.9007	0.7608	1.066
rs369173	84486783	C	A	0.331	0.3273	0.8327	1.012	0.9083	1.127
rs369597	84486935	A	G	0.4306	0.438	0.6521	0.9768	0.8821	1.082
rs370703	84477981	G	A	0.4646	0.4862	0.2433	0.9426	0.8535	1.041
rs371391	84487395	A	G	0.4255	0.4303	0.7922	0.9862	0.8896	1.093
rs371800	84475621	C	A	0.28	0.2692	0.2443	1.07	0.955	1.198
rs375288	84485372	A	G	0.3494	0.3565	0.5944	0.9713	0.8725	1.081
rs376783	84475324	G	A	0.2443	0.25	0.8528	0.9892	0.8823	1.109
rs3794661	84497167	G	A	0.0213	0.01888	0.1469	1.313	0.9088	1.896
rs380458	84487686	A	G	0.04775	0.05371	0.3742	0.8991	0.711	1.137
rs381139	84487901	A	G	0.4259	0.4317	0.7679	0.9846	0.8879	1.092
rs383425	84522540	C	T	0.4744	0.4826	0.6788	0.9783	0.8819	1.085
rs383628	84486141	G	C	0.06923	0.07735	0.3591	0.9128	0.7511	1.109
rs384915	84477113	G	A	0.09422	0.09679	0.7639	1.027	0.864	1.22
rs385989	84526509	G	T	0.2151	0.2397	0.004842	0.8403	0.7445	0.9484
rs386098	84486701	G	A	0.4318	0.4456	0.3687	0.9544	0.8619	1.057
rs388405	84487398	G	A	0.4308	0.4406	0.5374	0.9686	0.8751	1.072
rs388988	84523302	G	T	0.1268	0.1259	0.7012	1.031	0.8834	1.202
rs391023	84485315	A	G	0.2523	0.2647	0.1417	0.9159	0.8147	1.03
rs391525	84501940	A	G	0.3932	0.4039	0.6431	0.9759	0.8804	1.082
rs391821	84479528	C	A	0.08328	0.09702	0.243	0.8988	0.7514	1.075
rs391855	84486122	T	A	0.2564	0.2645	0.3289	0.9442	0.8413	1.06
rs395922	84478180	G	C	0.3103	0.2964	0.1519	1.086	0.9702	1.215
rs396987	84526435	G	A	0.4347	0.475	0.0005438	0.8341	0.7526	0.9244
rs399280	84522499	C	G	0.1288	0.1281	0.7188	1.029	0.8817	1.2
rs403038	84506572	G	A	0.04585	0.04832	0.5514	0.9275	0.7241	1.188
rs403605	84485129	G	A	0.2171	0.2345	0.1834	0.9216	0.8173	1.039
rs409661	84506575	G	C	0.03445	0.03378	0.57	1.086	0.8178	1.441
rs411221	84523460	G	C	0.1636	0.1566	0.4184	1.059	0.9215	1.218
rs413529	84486520	G	A	0.06389	0.07099	0.3506	0.9082	0.742	1.112
rs419030	84524302	A	G	0.4123	0.4498	0.0007103	0.8362	0.754	0.9275
rs421710	84481015	G	C	0.3292	0.3216	0.966	0.9977	0.8967	1.11
rs422186	84489971	G	A	0.4329	0.4466	0.3355	0.9497	0.855	1.055

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs4240807	84542862	C	A	0.191	0.2052	0.1012	0.901	0.7955	1.021
rs424971	84503951	C	T	0.2638	0.2634	0.8318	0.9875	0.8795	1.109
rs428530	84480360	A	G	0.1869	0.1748	0.04489	1.145	1.003	1.306
rs434216	84484514	G	A	0.1536	0.1678	0.05862	0.8706	0.7542	1.005
rs437291	84525009	C	T	0.2135	0.2404	0.002561	0.8296	0.7348	0.9367
rs439390	84476707	G	A	0.4386	0.4374	0.9465	1.003	0.9067	1.111
rs439885	84526175	A	G	0.4351	0.4751	0.000582	0.8349	0.7533	0.9253
rs440222	84501917	C	T	0.1343	0.1439	0.6999	0.9717	0.8397	1.124
rs447632	84525141	G	A	0.4086	0.4425	0.003832	0.8602	0.7768	0.9526
rs447919	84526058	C	T	0.09046	0.1119	0.0007977	0.7501	0.634	0.8874
rs448136	84478848	C	A	0.2765	0.2714	0.8435	0.9887	0.8827	1.107
rs450443	84526392	G	T	0.4026	0.4486	0.0001407	0.8178	0.7374	0.9071
rs4843854	84460016	G	C	0.4941	0.5044	0.7165	0.9816	0.8877	1.085
rs4843856	84460058	A	C	0.4777	0.4815	0.9475	1.003	0.9083	1.108
rs4843859	84489457	C	G	0.03904	0.03746	0.8587	0.9769	0.7551	1.264
rs4843860	84508422	A	G	0.1303	0.1337	0.4922	0.9489	0.8169	1.102
rs4843861	84508477	A	T	0.3339	0.3529	0.08242	0.9098	0.8178	1.012
rs4843865	84526806	T	A	0.127	0.1303	0.6675	0.9674	0.8317	1.125
rs4843866	84528151	C	T	0.2747	0.2956	0.1269	0.9114	0.809	1.027
rs4843868	84530902	C	T	0.1221	0.1251	0.5818	0.9575	0.8203	1.118
rs4843869	84532642	G	A	0.08822	0.09159	0.4187	0.9287	0.7762	1.111
rs4843871	84543036	A	G	0.3411	0.3573	0.24	0.9392	0.846	1.043
rs4843872	84543172	G	A	0.2842	0.2978	0.1806	0.9276	0.8309	1.035
rs4843873	84547276	G	A	0.09118	0.1074	0.04231	0.8374	0.7055	0.9939
rs4843874	84547399	T	C	0.09633	0.1137	0.03035	0.8323	0.7049	0.9827
rs4843876	84550233	A	T	0.1835	0.2	0.1676	0.9139	0.8042	1.039
rs4843877	84550733	G	C	0.09586	0.1065	0.1668	0.8895	0.7534	1.05
rs523642	84523096	G	A	0.1265	0.1249	0.6539	1.036	0.8878	1.209
rs524432	84523155	T	C	0.1267	0.1253	0.6791	1.033	0.8855	1.205
rs56239618	84525421	A	G	0.01668	0.01485	0.7665	1.062	0.7139	1.58
rs56250418	84530999	G	T	0.01669	0.01543	0.8784	1.031	0.6953	1.529
rs56834409	84532277	A	G	0.1676	0.1912	0.04511	0.8719	0.7624	0.997
rs57396687	84542701	G	A	0.08223	0.08282	0.9899	1.001	0.8366	1.198
rs57426547	84543596	C	T	0.1494	0.1497	0.6655	1.032	0.8957	1.188
rs57670691	84542583	G	A	0.08223	0.08282	0.9902	1.001	0.8366	1.198
rs57770209	84509594	C	T	0.05697	0.05144	0.2336	1.146	0.916	1.433
rs58073431	84543416	G	C	0.2614	0.2558	0.4833	1.044	0.9249	1.179
rs58189590	84543560	G	A	0.1497	0.1497	0.6482	1.033	0.8973	1.19
rs58574202	84489034	C	T	0.0593	0.05477	0.5546	1.068	0.8579	1.331
rs58980382	84523934	C	T	0.09555	0.09714	0.7931	0.9771	0.8218	1.162
rs59015387	84554628	T	A	0.01903	0.02047	0.7929	0.9512	0.6546	1.382
rs59120392	84544797	C	T	0.1791	0.1785	0.6283	1.033	0.9054	1.179
rs59370928	84510611	G	A	0.05632	0.05072	0.1373	1.188	0.9466	1.49
rs59403904	84543458	C	T	0.1518	0.1507	0.5775	1.041	0.9032	1.2
rs59479659	84543225	T	G	0.1302	0.1299	0.8412	0.9845	0.8451	1.147
rs59821663	84543420	G	A	0.08222	0.08338	0.8912	0.9875	0.8252	1.182
rs59865900	84514317	G	A	0.06413	0.05922	0.2799	1.124	0.9096	1.388
rs60218704	84521854	T	C	0.1147	0.1192	0.5108	0.9463	0.8028	1.116
rs61464600	84545305	A	G	0.1783	0.1785	0.7003	1.026	0.8998	1.17
rs62051024	84535456	A	C	0.05409	0.04374	0.03775	1.291	1.015	1.642
rs6540231	84473561	G	C	0.333	0.3249	0.5325	1.034	0.9302	1.15
rs6540234	84540557	C	T	0.06894	0.08134	0.02755	0.8056	0.6647	0.9764
rs6540235	84546396	C	T	0.3498	0.3716	0.09813	0.9158	0.8251	1.016
rs6540236	84548591	G	A	0.08538	0.09899	0.08422	0.8567	0.7188	1.021
rs6540237	84548593	C	T	0.1161	0.1162	0.6249	1.041	0.887	1.221
rs6540238	84549328	G	A	0.08865	0.1012	0.1089	0.869	0.732	1.032
rs66509440	84525182	T	C	0.4364	0.4775	0.0003973	0.8303	0.749	0.9203
rs66804793	84525190	A	G	0.4364	0.4778	0.0003839	0.8298	0.7487	0.9198
rs7185022	84510430	C	A	0.1034	0.1047	0.3911	0.9271	0.7797	1.102
rs7185590	84549154	C	A	0.1152	0.1177	0.8901	1.011	0.8621	1.186

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs7185918	84458566	G	A	0.1604	0.1691	0.4569	0.9503	0.8308	1.087
rs7190319	84536046	A	G	0.2241	0.2443	0.1136	0.9071	0.804	1.024
rs7193803	84483174	A	C	0.3925	0.4102	0.261	0.9429	0.8511	1.045
rs7199277	84518551	T	G	0.04448	0.04426	0.7392	1.043	0.8124	1.34
rs7199472	84546685	T	G	0.2707	0.2811	0.4417	0.9573	0.8567	1.07
rs7200248	84549137	T	C	0.1301	0.1289	0.5807	1.044	0.8969	1.214
rs7200264	84549163	T	C	0.1362	0.1335	0.4489	1.061	0.9098	1.238
rs7200739	84478427	A	G	0.06505	0.06108	0.3186	1.111	0.9033	1.367
rs7202472	84535003	G	T	0.08596	0.08949	0.3965	0.9248	0.7719	1.108
rs7204443	84544590	C	T	0.06031	0.05446	0.374	1.106	0.8855	1.382
rs7205434	84530696	C	G	0.08837	0.09136	0.4849	0.938	0.7839	1.122
rs7206172	84517721	G	A	0.008847	0.01247	0.04171	0.6006	0.3677	0.981
rs731707	84538469	C	T	0.3475	0.3785	0.003592	0.854	0.7679	0.9497
rs731709	84538088	T	C	0.1655	0.1527	0.1176	1.117	0.9725	1.283
rs73264969	84506515	C	G	0.07084	0.06282	0.1638	1.156	0.9428	1.416
rs73266812	84517410	A	T	0.1092	0.1122	0.7277	1.03	0.8714	1.218
rs73266822	84524751	G	A	0.03342	0.0317	0.6163	1.076	0.8077	1.434
rs73266828	84525329	A	G	0.03377	0.03171	0.5704	1.086	0.8159	1.447
rs73266846	84531335	A	T	0.1444	0.1363	0.5233	1.05	0.9047	1.218
rs73268908	84544290	C	A	0.1494	0.1498	0.6861	1.03	0.8939	1.186
rs73268912	84544401	C	A	0.08222	0.08291	0.9341	0.9924	0.829	1.188
rs73268919	84545536	G	A	0.1781	0.1785	0.7153	1.025	0.8986	1.169
rs73268923	84546268	C	T	0.08161	0.08151	0.9617	1.004	0.8382	1.204
rs73268928	84547653	C	G	0.08826	0.08602	0.7656	1.028	0.8566	1.234
rs74032085	84525245	C	T	0.4364	0.4772	0.0004724	0.8321	0.7507	0.9224
rs74032515	84558875	C	G	0.01204	0.01194	0.8184	0.9453	0.5849	1.528
rs768410	84503229	G	T	0.4316	0.4247	0.4101	1.045	0.9416	1.159
rs8044852	84552728	G	A	0.1399	0.1577	0.07119	0.8762	0.759	1.011
rs8045825	84527979	C	G	0.2744	0.2954	0.1229	0.9105	0.8082	1.026
rs8045988	84521891	G	A	0.02063	0.01712	0.4044	1.168	0.8108	1.682
rs8047292	84541556	T	A	0.03604	0.04807	0.006719	0.7058	0.5486	0.908
rs8048151	84546099	T	C	0.1328	0.1528	0.0556	0.8648	0.7452	1.003
rs8050476	84530705	A	G	0.2474	0.245	0.5018	1.041	0.925	1.173
rs8051122	84473919	A	G	0.04032	0.03376	0.1093	1.248	0.9516	1.638
rs8051462	84504828	G	A	0.4512	0.438	0.2592	1.061	0.9573	1.176
rs8052521	84516230	C	T	0.4439	0.4375	0.1921	1.071	0.9661	1.187
rs8052690	84527239	A	G	0.1496	0.152	0.6618	0.9691	0.8421	1.115
rs8056522	84464397	A	G	0.2263	0.2364	0.4986	0.9601	0.8533	1.08
rs8057009	84548424	T	G	0.1992	0.1884	0.1646	1.095	0.9634	1.245
rs8058349	84489530	C	G	0.1406	0.1523	0.3176	0.9294	0.8051	1.073
rs8058904	84509183	A	G	0.03506	0.04227	0.1964	0.839	0.6428	1.095
rs8059127	84506690	G	T	0.1286	0.1471	0.03089	0.85	0.7334	0.9852
rs8059144	84527977	T	C	0.2742	0.2954	0.1198	0.9098	0.8075	1.025
rs8060078	84542153	G	T	0.1769	0.1677	0.1328	1.109	0.9692	1.268
rs8060960	84545861	C	T	0.2957	0.3031	0.6464	0.975	0.8749	1.086
rs8062669	84530493	C	T	0.2395	0.2374	0.5535	1.037	0.9197	1.169
rs8064189	84509297	T	G	0.4855	0.4628	0.0393	1.113	1.005	1.232
rs875527	84524231	G	A	0.151	0.1626	0.4283	0.9451	0.8218	1.087
rs875529	84524187	G	C	0.2207	0.2317	0.3619	0.9448	0.8362	1.067
rs878453	84523664	T	C	0.2951	0.2985	0.6892	0.9773	0.8735	1.093
rs878454	84523673	G	A	0.05767	0.05158	0.2847	1.132	0.9023	1.419
rs880364	84516666	G	A	0.4934	0.4986	0.4083	0.9576	0.8641	1.061
rs880365	84516863	C	T	0.4905	0.4831	0.2717	1.059	0.9558	1.174
rs880366	84516939	C	T	0.4738	0.4754	0.7179	0.9812	0.885	1.088
rs883332	84552225	T	C	0.03473	0.02982	0.248	1.183	0.8895	1.573
rs896263	84485020	C	G	0.4583	0.4701	0.3253	0.95	0.8578	1.052
rs903201	84523785	T	C	0.213	0.2246	0.2655	0.9308	0.8204	1.056
rs908981	84552926	C	T	0.135	0.1538	0.05963	0.8692	0.7513	1.006
rs908982	84552384	C	A	0.1347	0.1536	0.06223	0.8698	0.7512	1.007
rs908983	84552021	T	C	0.1422	0.1596	0.09156	0.885	0.7679	1.02

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs908984	84542530	A	T	0.2737	0.2896	0.1246	0.918	0.8231	1.024
rs908985	84542503	C	T	0.3353	0.3528	0.2309	0.9375	0.8437	1.042
rs908988	84542101	A	G	0.3073	0.3146	0.3009	0.9456	0.8504	1.051
rs925992	84548081	C	T	0.08792	0.1067	0.01525	0.8075	0.6793	0.9597
rs925993	84547852	C	T	0.0844	0.09948	0.04785	0.8352	0.6988	0.9983
rs925994	84503518	C	A	0.1354	0.1275	0.178	1.11	0.9537	1.291
rs9308363	84481566	A	G	0.3725	0.3755	0.9295	0.9951	0.8926	1.109
rs965773	84537847	A	C	0.3887	0.4171	0.005254	0.862	0.7766	0.9567
rs9924391	84487331	C	A	0.3308	0.3354	0.7154	0.9801	0.8799	1.092
rs9924484	84509239	C	G	0.463	0.4379	0.03266	1.122	1.01	1.247
rs9924488	84509249	C	G	0.3193	0.3321	0.2927	0.9414	0.8412	1.053
rs9925103	84472609	C	G	0.1157	0.1206	0.6434	0.964	0.8256	1.126
rs9925859	84525223	G	C	0.08884	0.1097	0.000951	0.7514	0.6343	0.8902
rs9926067	84508696	A	G	0.2047	0.2154	0.3665	0.9438	0.8324	1.07
rs9926411	84509158	A	G	0.3321	0.3065	0.02069	1.136	1.02	1.265
rs9926664	84496256	A	G	0.3	0.2973	0.8603	1.01	0.905	1.127
rs9927123	84531682	G	A	0.5092	0.4878	0.06333	1.102	0.9946	1.222
rs9928776	84506960	G	T	0.2047	0.2185	0.2205	0.9248	0.8161	1.048
rs9928868	84476971	G	C	0.1382	0.1271	0.1731	1.108	0.956	1.284
rs9929895	84525236	T	A	0.4302	0.4707	0.0007171	0.8352	0.7525	0.927
rs9930043	84465079	G	C	0.2276	0.2454	0.042	0.8846	0.786	0.9956
rs9931687	84473282	G	A	0.3637	0.3468	0.06885	1.103	0.9924	1.226
rs9931862	84472878	G	A	0.165	0.1665	0.92	1.007	0.8788	1.154
rs9932159	84470103	G	A	0.3174	0.3419	0.01356	0.8743	0.7859	0.9727
rs9933690	84550796	C	T	0.1839	0.2	0.2009	0.92	0.8096	1.045
rs9934699	84509137	G	A	0.4616	0.4348	0.02742	1.126	1.013	1.252
rs9934701	84509148	G	A	0.4616	0.4348	0.02665	1.127	1.014	1.253
rs9936406	84476343	G	A	0.3232	0.3403	0.1325	0.9219	0.8293	1.025
rs9937847	84475052	A	G	0.09797	0.1123	0.03819	0.8414	0.7146	0.9906
rs9938002	84497364	G	A	0.07105	0.07532	0.6472	0.9552	0.785	1.162
rs9940980	84496182	C	T	0.3014	0.2996	0.9566	1.003	0.8994	1.119

Table S4: IRF8—Imputed Data for Asians

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs11861580	84456048	C	G	0.3109	0.3062	0.9037	1.007	0.9018	1.124
rs16939834	84458109	A	C	0.1684	0.1651	0.3588	1.065	0.9308	1.219
rs11864884	84458540	A	G	0.4787	0.4809	0.6993	0.9801	0.8851	1.085
rs7185918	84458566	G	A	0.1604	0.1691	0.4569	0.9503	0.8308	1.087
rs13330200	84458685	A	G	0.01933	0.01491	0.1147	1.368	0.9268	2.02
rs12926601	84459167	G	A	0.2807	0.2755	0.9079	1.007	0.8983	1.128
rs4843854	84460016	G	C	0.4941	0.5044	0.7165	0.9816	0.8877	1.085
rs4843856	84460058	A	C	0.4777	0.4815	0.9475	1.003	0.9083	1.108
rs12930347	84461177	A	G	0.3327	0.3601	0.06123	0.903	0.8116	1.005
rs12935659	84463429	A	G	0.3365	0.3533	0.1667	0.9285	0.8358	1.031
rs11648716	84464117	A	G	0.04882	0.05356	0.2391	0.872	0.6941	1.095
rs8056522	84464397	A	G	0.2263	0.2364	0.4986	0.9601	0.8533	1.08
rs9930043	84465079	G	C	0.2276	0.2454	0.042	0.8846	0.786	0.9956
rs9932159	84470103	G	A	0.3174	0.3419	0.01356	0.8743	0.7859	0.9727
rs2017161	84470594	A	C	0.3134	0.3382	0.01335	0.8739	0.7854	0.9724
rs9925103	84472609	C	G	0.1157	0.1206	0.6434	0.964	0.8256	1.126
rs9931862	84472878	G	A	0.165	0.1665	0.92	1.007	0.8788	1.154
rs9931687	84473282	G	A	0.3637	0.3468	0.06885	1.103	0.9924	1.226
rs6540231	84473561	G	C	0.333	0.3249	0.5325	1.034	0.9302	1.15
rs8051122	84473919	A	G	0.04032	0.03376	0.1093	1.248	0.9516	1.638
rs9937847	84475052	A	G	0.09797	0.1123	0.03819	0.8414	0.7146	0.9906
rs16939874	84475246	G	A	0.05161	0.05247	0.9861	1.002	0.7972	1.26
rs376783	84475324	G	A	0.2443	0.25	0.8528	0.9892	0.8823	1.109
rs371800	84475621	C	A	0.28	0.2692	0.2443	1.07	0.955	1.198
rs9936406	84476343	G	A	0.3232	0.3403	0.1325	0.9219	0.8293	1.025
rs439390	84476707	G	A	0.4386	0.4374	0.9465	1.003	0.9067	1.111
rs12325647	84476803	A	G	0.1488	0.1453	0.8571	1.013	0.8802	1.166
rs11865366	84476840	G	A	0.01115	0.01273	0.5593	0.8716	0.5495	1.382
rs9928868	84476971	G	C	0.1382	0.1271	0.1731	1.108	0.956	1.284
rs384915	84477113	G	A	0.09422	0.09679	0.7639	1.027	0.864	1.22
rs370703	84477981	G	A	0.4646	0.4862	0.2433	0.9426	0.8535	1.041
rs395922	84478180	G	C	0.3103	0.2964	0.1519	1.086	0.9702	1.215
rs7200739	84478427	A	G	0.06505	0.06108	0.3186	1.111	0.9033	1.367
rs448136	84478848	C	A	0.2765	0.2714	0.8435	0.9887	0.8827	1.107
rs11642286	84479110	A	G	0.01376	0.01242	0.5838	1.134	0.7236	1.776
rs391821	84479528	C	A	0.08328	0.09702	0.243	0.8988	0.7514	1.075
rs428530	84480360	A	G	0.1869	0.1748	0.04489	1.145	1.003	1.306
rs11866609	84480582	C	G	0.2901	0.2684	0.0778	1.108	0.9887	1.241
rs421710	84481015	G	C	0.3292	0.3216	0.966	0.9977	0.8967	1.11
rs9308363	84481566	A	G	0.3725	0.3755	0.9295	0.9951	0.8926	1.109
rs11860464	84482464	A	T	0.1633	0.1604	0.9767	1.002	0.8722	1.151
rs7193803	84483174	A	C	0.3925	0.4102	0.261	0.9429	0.8511	1.045
rs434216	84484514	G	A	0.1536	0.1678	0.05862	0.8706	0.7542	1.005
rs896263	84485020	C	G	0.4583	0.4701	0.3253	0.95	0.8578	1.052
rs403605	84485129	G	A	0.2171	0.2345	0.1834	0.9216	0.8173	1.039
rs391023	84485315	A	G	0.2523	0.2647	0.1417	0.9159	0.8147	1.03
rs375288	84485372	A	G	0.3494	0.3565	0.5944	0.9713	0.8725	1.081
rs391855	84486122	T	A	0.2564	0.2645	0.3289	0.9442	0.8413	1.06
rs383628	84486141	G	C	0.06923	0.07735	0.3591	0.9128	0.7511	1.109
rs12149363	84486206	C	G	0.08625	0.09658	0.174	0.8859	0.744	1.055
rs413529	84486520	G	A	0.06389	0.07099	0.3506	0.9082	0.742	1.112
rs386098	84486701	G	A	0.4318	0.4456	0.3687	0.9544	0.8619	1.057
rs369173	84486783	C	A	0.331	0.3273	0.8327	1.012	0.9083	1.127
rs369597	84486935	A	G	0.4306	0.438	0.6521	0.9768	0.8821	1.082
rs9924391	84487331	C	A	0.3308	0.3354	0.7154	0.9801	0.8799	1.092
rs371391	84487395	A	G	0.4255	0.4303	0.7922	0.9862	0.8896	1.093
rs388405	84487398	G	A	0.4308	0.4406	0.5374	0.9686	0.8751	1.072
rs380458	84487686	A	G	0.04775	0.05371	0.3742	0.8991	0.711	1.137
rs381139	84487901	A	G	0.4259	0.4317	0.7679	0.9846	0.8879	1.092
rs28368112	84488458	G	C	0.1371	0.1251	0.2241	1.098	0.9446	1.275
rs170033	84489005	G	A	0.4359	0.4517	0.3851	0.955	0.8609	1.06

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs58574202	84489034	C	T	0.0593	0.05477	0.5546	1.068	0.8579	1.331
84489106	84489106	A	T	0.02376	0.01835	0.1516	1.308	0.9063	1.887
rs4843859	84489457	C	G	0.03904	0.03746	0.8587	0.9769	0.7551	1.264
rs8058349	84489530	C	G	0.1406	0.1523	0.3176	0.9294	0.8051	1.073
rs191022	84489633	C	G	0.4561	0.4666	0.3754	0.9552	0.8632	1.057
rs188602	84489852	C	T	0.3499	0.3706	0.2015	0.9335	0.8399	1.037
rs422186	84489971	G	A	0.4329	0.4466	0.3355	0.9497	0.855	1.055
rs2270501	84490489	C	T	0.03635	0.03506	0.9263	0.9876	0.7576	1.287
rs305085	84490744	G	A	0.01948	0.02269	0.6558	0.9219	0.6447	1.318
84491140	84491140	A	T	0.02387	0.02115	0.273	1.211	0.86	1.705
rs305084	84491669	T	C	0.01378	0.02101	0.01181	0.6033	0.4071	0.8941
84492643	84492643	T	G	0.01186	0.01719	0.04563	0.6358	0.4078	0.9912
84492921	84492921	T	G	0.0112	0.01697	0.02834	0.6143	0.3974	0.9496
rs16939906	84493007	C	T	0.03816	0.03577	0.7938	1.036	0.7924	1.356
rs16882	84493074	T	C	0.2543	0.2524	0.449	1.046	0.9304	1.177
rs11649549	84493298	T	C	0.2505	0.2499	0.5317	1.038	0.9227	1.169
rs305083	84493379	A	G	0.3883	0.3771	0.5794	1.031	0.9264	1.147
rs12924316	84493764	C	T	0.04224	0.04503	0.427	0.9069	0.7125	1.154
rs305082	84494479	C	T	0.4744	0.4814	0.3927	0.9564	0.8635	1.059
rs11862450	84494534	G	C	0.02816	0.02376	0.1703	1.25	0.9087	1.718
84494602	84494602	C	T	0.03973	0.03598	0.4987	1.1	0.8349	1.449
rs13330025	84495034	A	T	0.06673	0.06968	0.9563	0.9943	0.8117	1.218
rs13330075	84495083	A	G	0.06702	0.07178	0.8085	0.9754	0.7974	1.193
rs11865854	84495152	C	T	0.08741	0.09403	0.7566	0.9719	0.8116	1.164
rs182511	84495157	C	G	0.09498	0.1027	0.2577	0.905	0.7614	1.076
rs11642583	84496096	T	G	0.2248	0.2185	0.8127	1.015	0.9005	1.143
rs9940980	84496182	C	T	0.3014	0.2996	0.9566	1.003	0.8994	1.119
rs9926664	84496256	A	G	0.3	0.2973	0.8603	1.01	0.905	1.127
84496333	84496333	C	T	0.07199	0.0772	0.5764	0.946	0.7786	1.149
84497036	84497036	A	C	0.02536	0.0214	0.1964	1.247	0.8921	1.743
rs3794661	84497167	G	A	0.0213	0.01888	0.1469	1.313	0.9088	1.896
rs9938002	84497364	G	A	0.07105	0.07532	0.6472	0.9552	0.785	1.162
84497964	84497964	C	T	0.01492	0.008114	0.01952	1.8	1.099	2.949
84498106	84498106	A	C	0.04145	0.03628	0.3056	1.156	0.8759	1.526
rs305081	84498831	A	C	0.04625	0.04843	0.8905	1.017	0.796	1.3
rs305080	84499275	T	C	0.3768	0.3826	0.5801	0.9708	0.8742	1.078
rs10514610	84499676	G	C	0.3107	0.3022	0.3602	1.053	0.9423	1.178
rs16939917	84499921	T	A	0.3217	0.3045	0.1791	1.08	0.9653	1.208
84499982	84499982	G	A	0.01693	0.008718	0.007347	1.908	1.19	3.061
rs305079	84499997	T	C	0.3377	0.3331	0.6497	1.025	0.9205	1.142
rs305078	84500644	A	G	0.1956	0.2013	0.7908	0.983	0.8661	1.116
rs172573	84500925	A	G	0.05803	0.06799	0.1426	0.8562	0.6958	1.054
84500960	84500960	T	G	0.0146	0.01607	0.5292	0.8728	0.5714	1.333
rs305077	84500967	C	T	0.4038	0.3954	0.6874	1.021	0.9221	1.131
rs16939930	84501600	T	A	0.05206	0.03876	0.02203	1.324	1.041	1.683
rs440222	84501917	C	T	0.1343	0.1439	0.6999	0.9717	0.8397	1.124
rs391525	84501940	A	G	0.3932	0.4039	0.6431	0.9759	0.8804	1.082
rs366304	84502301	G	T	0.0946	0.1097	0.2249	0.9007	0.7608	1.066
rs2292982	84502324	G	T	0.4141	0.4094	0.8134	1.012	0.9135	1.122
rs2292980	84502577	T	C	0.4889	0.49	0.825	0.9885	0.8925	1.095
rs16939941	84502705	C	T	0.05213	0.0387	0.02305	1.322	1.039	1.682
rs1519976	84503176	G	T	0.4312	0.4241	0.397	1.046	0.9428	1.16
84503190	84503190	C	G	0.03179	0.03563	0.6407	0.9342	0.7021	1.243
rs768410	84503229	G	T	0.4316	0.4247	0.4101	1.045	0.9416	1.159
rs147968	84503340	G	A	0.3319	0.3202	0.3827	1.049	0.9424	1.167
rs925994	84503518	C	A	0.1354	0.1275	0.178	1.11	0.9537	1.291
rs12923978	84503825	T	C	0.3585	0.3581	0.984	0.9989	0.8946	1.115
rs424971	84503951	C	T	0.2638	0.2634	0.8318	0.9875	0.8795	1.109
rs11649318	84503982	C	G	0.4567	0.4551	0.8991	1.007	0.9078	1.116
rs11863590	84503995	A	G	0.3518	0.3541	0.8705	0.9909	0.8877	1.106
84504395	84504395	G	A	0.03232	0.03513	0.7711	0.9582	0.7188	1.277

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
84504557	84504557	C	T	0.03138	0.03486	0.6754	0.9398	0.703	1.257
rs8051462	84504828	G	A	0.4512	0.438	0.2592	1.061	0.9573	1.176
84504944	84504944	A	C	0.03378	0.02745	0.13	1.27	0.932	1.731
84505029	84505029	G	A	0.03197	0.03488	0.8021	0.9637	0.7218	1.287
84505413	84505413	G	A	0.03347	0.02994	0.3068	1.163	0.8709	1.552
rs13331970	84505479	G	A	0.06667	0.08107	0.03973	0.8145	0.6699	0.9904
84505809	84505809	C	T	0.01474	0.01834	0.1756	0.7546	0.5022	1.134
rs11649271	84505830	T	C	0.08654	0.08951	0.6816	0.963	0.8045	1.153
84505873	84505873	C	T	0.02907	0.03301	0.5581	0.9141	0.6768	1.235
rs28366896	84505943	G	A	0.0687	0.07931	0.1254	0.8584	0.7061	1.043
84505978	84505978	A	C	0.135	0.1384	0.845	1.015	0.8719	1.182
84505981	84505981	T	A	0.135	0.1386	0.8523	1.015	0.8713	1.181
rs73264969	84506515	C	G	0.07084	0.06282	0.1638	1.156	0.9428	1.416
rs403038	84506572	G	A	0.04585	0.04832	0.5514	0.9275	0.7241	1.188
rs409661	84506575	G	C	0.03445	0.03378	0.57	1.086	0.8178	1.441
rs8059127	84506690	G	T	0.1286	0.1471	0.03089	0.85	0.7334	0.9852
rs305071	84506772	G	A	0.2856	0.3096	0.0697	0.9034	0.8094	1.008
rs28552575	84506805	A	T	0.1974	0.2128	0.2063	0.9219	0.8126	1.046
rs305070	84506925	A	G	0.103	0.1137	0.1795	0.8951	0.7615	1.052
rs9928776	84506960	G	T	0.2047	0.2185	0.2205	0.9248	0.8161	1.048
rs16939967	84506974	G	T	0.0859	0.08315	0.8436	0.9821	0.8211	1.175
rs305069	84507059	C	T	0.1749	0.1701	0.8635	1.012	0.8796	1.165
84507124	84507124	A	C	0.01722	0.009565	0.01459	1.787	1.122	2.848
rs16939969	84507645	T	C	0.2074	0.2217	0.1989	0.9219	0.8143	1.044
rs28631400	84507948	C	T	0.2056	0.2209	0.1699	0.9167	0.8097	1.038
rs28407896	84507957	C	T	0.2056	0.2209	0.1699	0.9167	0.8097	1.038
84508158	84508158	T	A	0.02704	0.0248	0.3071	1.183	0.857	1.632
rs11117415	84508187	A	G	0.2734	0.2703	0.8845	1.009	0.8993	1.131
rs16939975	84508399	A	G	0.05567	0.04663	0.1328	1.199	0.9463	1.519
rs4843860	84508422	A	G	0.1303	0.1337	0.4922	0.9489	0.8169	1.102
rs4843861	84508477	A	T	0.3339	0.3529	0.08242	0.9098	0.8178	1.012
rs9926067	84508696	A	G	0.2047	0.2154	0.3665	0.9438	0.8324	1.07
rs12926854	84508759	A	G	0.1274	0.132	0.3643	0.9326	0.802	1.084
rs9934699	84509137	G	A	0.4616	0.4348	0.02742	1.126	1.013	1.252
rs9934701	84509148	G	A	0.4616	0.4348	0.02665	1.127	1.014	1.253
rs9926411	84509158	A	G	0.3321	0.3065	0.02069	1.136	1.02	1.265
rs8058904	84509183	A	G	0.03506	0.04227	0.1964	0.839	0.6428	1.095
84509238	84509238	C	T	0.01854	0.01028	0.005359	1.879	1.205	2.93
rs9924484	84509239	C	G	0.463	0.4379	0.03266	1.122	1.01	1.247
rs9924488	84509249	C	G	0.3193	0.3321	0.2927	0.9414	0.8412	1.053
rs8064189	84509297	T	G	0.4855	0.4628	0.0393	1.113	1.005	1.232
rs57770209	84509594	C	T	0.05697	0.05144	0.2336	1.146	0.916	1.433
rs16939982	84510004	A	G	0.05676	0.0508	0.09154	1.215	0.969	1.524
rs2280378	84510246	G	A	0.3363	0.337	0.9165	1.006	0.9035	1.12
rs7185022	84510430	C	A	0.1034	0.1047	0.3911	0.9271	0.7797	1.102
rs13338943	84510452	G	T	0.1412	0.1522	0.2084	0.9118	0.7897	1.053
rs12929551	84510511	C	T	0.04388	0.04097	0.7867	1.035	0.8088	1.323
rs59370928	84510611	G	A	0.05632	0.05072	0.1373	1.188	0.9466	1.49
84510613	84510613	G	T	0.1109	0.1138	0.5313	0.9483	0.8031	1.12
rs16939994	84510669	C	G	0.04612	0.05348	0.03535	0.7796	0.6183	0.9831
rs11866752	84510994	G	T	0.1777	0.1692	0.6123	1.035	0.9068	1.181
rs16940005	84511183	G	C	0.04334	0.041	0.8285	1.028	0.8031	1.315
rs16940007	84511788	C	T	0.05956	0.05794	0.5167	1.075	0.8638	1.338
84511805	84511805	C	T	0.08487	0.08515	0.5975	1.051	0.8737	1.264
84511839	84511839	A	C	0.04969	0.05347	0.5002	0.9219	0.7278	1.168
rs16940009	84512089	G	C	0.1308	0.1299	0.8875	0.9893	0.852	1.149
rs16940010	84512135	C	G	0.06964	0.06689	0.434	1.084	0.8856	1.327
rs16940012	84512344	A	G	0.04539	0.03763	0.2083	1.177	0.9133	1.516
84512383	84512383	C	T	0.04662	0.03659	0.0962	1.241	0.9622	1.601
rs10514611	84512743	C	T	0.2341	0.2438	0.9575	0.9967	0.8834	1.125
84513118	84513118	A	C	0.0211	0.02314	0.793	0.9526	0.6629	1.369

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs305072	84513164	A	G	0.09311	0.09181	0.3509	1.088	0.9116	1.298
rs1044873	84513172	G	A	0.465	0.4549	0.4078	1.044	0.9425	1.157
84513759	84513759	A	C	0.02209	0.02375	0.8566	0.9675	0.6764	1.384
rs11646027	84513898	T	C	0.2439	0.2474	0.6315	1.03	0.9122	1.163
rs59865900	84514317	G	A	0.06413	0.05922	0.2799	1.124	0.9096	1.388
84514732	84514732	A	C	0.02101	0.02295	0.7814	0.9503	0.6632	1.362
rs1021479	84514915	T	C	0.1088	0.09679	0.06182	1.172	0.9922	1.384
84515002	84515002	C	T	0.06564	0.05994	0.2166	1.142	0.9252	1.409
rs16940020	84515007	G	A	0.06299	0.05635	0.519	1.072	0.8675	1.325
rs305073	84515294	T	C	0.4354	0.4398	0.3859	0.9555	0.8621	1.059
rs305074	84515321	C	T	0.4224	0.4335	0.1989	0.9343	0.8422	1.036
84515682	84515682	A	G	0.0382	0.03129	0.2042	1.198	0.9063	1.584
84515779	84515779	A	C	0.0225	0.02232	0.7888	1.05	0.7342	1.502
rs11117416	84515825	C	G	0.1701	0.1831	0.5294	0.9578	0.8372	1.096
84515848	84515848	A	C	0.02101	0.02295	0.779	0.9498	0.6628	1.361
84515863	84515863	A	C	0.02139	0.02297	0.8462	0.9652	0.6746	1.381
84515870	84515870	A	C	0.02104	0.02301	0.7817	0.9504	0.6631	1.362
rs16940023	84516215	C	T	0.1517	0.1324	0.02213	1.183	1.024	1.366
rs8052521	84516230	C	T	0.4439	0.4375	0.1921	1.071	0.9661	1.187
84516377	84516377	A	C	0.02172	0.02281	0.9701	1.007	0.7027	1.443
rs1021480	84516471	A	G	0.4477	0.4379	0.1174	1.086	0.9794	1.205
rs1021481	84516521	G	A	0.4469	0.4401	0.1942	1.071	0.9659	1.187
rs880364	84516666	G	A	0.4934	0.4986	0.4083	0.9576	0.8641	1.061
rs880365	84516863	C	T	0.4905	0.4831	0.2717	1.059	0.9558	1.174
rs880366	84516939	C	T	0.4738	0.4754	0.7179	0.9812	0.885	1.088
rs305075	84517136	G	T	0.2098	0.2232	0.09983	0.9016	0.797	1.02
84517309	84517309	A	C	0.008054	0.01266	0.01694	0.5378	0.3233	0.8948
rs73266812	84517410	A	T	0.1092	0.1122	0.7277	1.03	0.8714	1.218
rs7206172	84517721	G	A	0.008847	0.01247	0.04171	0.6006	0.3677	0.981
rs11644411	84517732	G	C	0.3143	0.3213	0.8639	0.9903	0.886	1.107
84518037	84518037	A	C	0.01735	0.00981	0.01437	1.81	1.126	2.911
rs1472235	84518468	G	A	0.2773	0.2736	0.2929	1.064	0.9481	1.193
rs7199277	84518551	T	G	0.04448	0.04426	0.7392	1.043	0.8124	1.34
rs17444745	84519063	G	A	0.03504	0.03702	0.4495	0.9002	0.6855	1.182
84519589	84519589	G	A	0.0137	0.007295	0.0172	1.935	1.124	3.33
84520866	84520866	G	A	0.0102	0.01343	0.1295	0.6876	0.4236	1.116
84521073	84521073	G	A	0.02835	0.03107	0.4035	0.879	0.6496	1.19
rs12598785	84521809	A	G	0.2231	0.2293	0.2527	0.9318	0.8255	1.052
rs60218704	84521854	T	C	0.1147	0.1192	0.5108	0.9463	0.8028	1.116
rs8045988	84521891	G	A	0.02063	0.01712	0.4044	1.168	0.8108	1.682
rs366078	84522064	T	C	0.1271	0.1244	0.5904	1.043	0.8939	1.218
84522279	84522279	G	A	0.03976	0.03244	0.2169	1.189	0.9035	1.564
rs2172625	84522286	T	C	0.124	0.1213	0.6325	1.039	0.8877	1.216
rs2970093	84522329	C	T	0.1272	0.126	0.6623	1.035	0.8874	1.207
rs399280	84522499	C	G	0.1288	0.1281	0.7188	1.029	0.8817	1.2
rs383425	84522540	C	T	0.4744	0.4826	0.6788	0.9783	0.8819	1.085
rs2970092	84522649	G	A	0.04289	0.04252	0.7174	1.047	0.8159	1.344
rs523642	84523096	G	A	0.1265	0.1249	0.6539	1.036	0.8878	1.209
84523106	84523106	A	C	0.02092	0.01812	0.7174	1.069	0.7435	1.538
rs524432	84523155	T	C	0.1267	0.1253	0.6791	1.033	0.8855	1.205
rs388988	84523302	G	T	0.1268	0.1259	0.7012	1.031	0.8834	1.202
84523433	84523433	A	C	0.1664	0.1595	0.4485	1.055	0.9187	1.211
rs411221	84523460	G	C	0.1636	0.1566	0.4184	1.059	0.9215	1.218
84523564	84523564	G	A	0.03774	0.03533	0.9366	1.011	0.7729	1.322
rs878453	84523664	T	C	0.2951	0.2985	0.6892	0.9773	0.8735	1.093
rs878454	84523673	G	A	0.05767	0.05158	0.2847	1.132	0.9023	1.419
rs903201	84523785	T	C	0.213	0.2246	0.2655	0.9308	0.8204	1.056
rs11861479	84523794	T	G	0.2127	0.2246	0.2541	0.9292	0.819	1.054
rs58980382	84523934	C	T	0.09555	0.09714	0.7931	0.9771	0.8218	1.162
rs11860480	84523959	A	C	0.3164	0.3304	0.2365	0.9362	0.8394	1.044
rs11860517	84524000	A	G	0.2228	0.2316	0.3615	0.9445	0.8355	1.068

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs11117418	84524028	T	G	0.2172	0.2265	0.4182	0.9505	0.8405	1.075
rs12051539	84524038	G	C	0.1387	0.1487	0.4619	0.947	0.8192	1.095
rs13332649	84524184	A	G	0.0839	0.08434	0.8008	0.9764	0.8113	1.175
rs875529	84524187	G	C	0.2207	0.2317	0.3619	0.9448	0.8362	1.067
rs875527	84524231	G	A	0.151	0.1626	0.4283	0.9451	0.8218	1.087
rs419030	84524302	A	G	0.4123	0.4498	0.0007103	0.8362	0.754	0.9275
rs12596341	84524541	C	A	0.01606	0.02187	0.06415	0.701	0.4813	1.021
84524648	84524648	G	A	0.03197	0.02781	0.4639	1.118	0.8299	1.505
84524665	84524665	C	A	0.3823	0.4128	0.005096	0.8623	0.7774	0.9565
84524668	84524668	C	A	0.3795	0.4098	0.006223	0.8645	0.7789	0.9596
84524720	84524720	C	A	0.0889	0.1097	0.001085	0.7537	0.6361	0.893
rs73266822	84524751	G	A	0.03342	0.0317	0.6163	1.076	0.8077	1.434
rs12444221	84524786	C	T	0.09651	0.09806	0.6459	0.9605	0.8086	1.141
rs437291	84525009	C	T	0.2135	0.2404	0.002561	0.8296	0.7348	0.9367
84525116	84525116	C	T	0.009929	0.01081	0.5265	0.8465	0.5054	1.418
rs447632	84525141	G	A	0.4086	0.4425	0.003832	0.8602	0.7768	0.9526
rs34337659	84525158	C	T	0.4364	0.4775	0.0003973	0.8303	0.749	0.9203
rs66509440	84525182	T	C	0.4364	0.4775	0.0003973	0.8303	0.749	0.9203
rs66804793	84525190	A	G	0.4364	0.4778	0.0003839	0.8298	0.7487	0.9198
rs9925859	84525223	G	C	0.08884	0.1097	0.000951	0.7514	0.6343	0.8902
rs9929895	84525236	T	A	0.4302	0.4707	0.0007171	0.8352	0.7525	0.927
rs74032085	84525245	C	T	0.4364	0.4772	0.0004724	0.8321	0.7507	0.9224
rs16940044	84525266	G	A	0.4364	0.4772	0.0004732	0.8322	0.7507	0.9225
rs73266828	84525329	A	G	0.03377	0.03171	0.5704	1.086	0.8159	1.447
rs2934497	84525379	T	C	0.4367	0.4772	0.0005118	0.8331	0.7515	0.9235
rs2970091	84525387	A	G	0.4368	0.4772	0.0005314	0.8336	0.752	0.924
rs2970090	84525392	A	G	0.2141	0.2397	0.003978	0.8367	0.741	0.9446
rs56239618	84525421	A	G	0.01668	0.01485	0.7665	1.062	0.7139	1.58
rs2934498	84525783	G	A	0.4367	0.4776	0.0004088	0.8305	0.7492	0.9206
84525893	84525893	G	A	0.03259	0.03224	0.9921	0.9986	0.7512	1.327
rs447919	84526058	C	T	0.09046	0.1119	0.0007977	0.7501	0.634	0.8874
rs439885	84526175	A	G	0.4351	0.4751	0.000582	0.8349	0.7533	0.9253
rs450443	84526392	G	T	0.4026	0.4486	0.0001407	0.8178	0.7374	0.9071
rs396987	84526435	G	A	0.4347	0.475	0.0005438	0.8341	0.7526	0.9244
rs385989	84526509	G	T	0.2151	0.2397	0.004842	0.8403	0.7445	0.9484
rs4843865	84526806	T	A	0.127	0.1303	0.6675	0.9674	0.8317	1.125
84527141	84527141	A	C	0.1251	0.1296	0.5725	0.9572	0.8224	1.114
rs8052690	84527239	A	G	0.1496	0.152	0.6618	0.9691	0.8421	1.115
rs2934499	84527604	C	T	0.07855	0.09756	0.003049	0.7591	0.6326	0.9109
rs8059144	84527977	T	C	0.2742	0.2954	0.1198	0.9098	0.8075	1.025
rs8045825	84527979	C	G	0.2744	0.2954	0.1229	0.9105	0.8082	1.026
84528054	84528054	T	C	0.03163	0.03286	0.6542	0.9353	0.698	1.253
rs4843866	84528151	C	T	0.2747	0.2956	0.1269	0.9114	0.809	1.027
rs186249	84528397	G	C	0.2983	0.2696	0.01661	1.148	1.025	1.286
84528467	84528467	C	G	0.02133	0.01883	0.8174	1.043	0.7301	1.49
rs12149636	84528721	C	G	0.2959	0.3206	0.05682	0.8978	0.8035	1.003
rs12149642	84528922	C	T	0.2901	0.3157	0.05999	0.8985	0.8036	1.005
84529195	84529195	C	T	0.02131	0.01858	0.7545	1.059	0.7402	1.514
rs305067	84529341	G	C	0.07796	0.09248	0.01417	0.7945	0.661	0.9548
rs11117419	84529383	C	G	0.2904	0.3159	0.06195	0.8993	0.8045	1.005
rs11117420	84529423	G	C	0.1925	0.1934	0.6891	0.9739	0.8553	1.109
rs11117421	84529461	G	A	0.2905	0.3157	0.06713	0.9012	0.8063	1.007
rs11117422	84529514	G	C	0.1251	0.1283	0.6799	0.9683	0.8309	1.128
rs11117423	84529682	T	C	0.2908	0.316	0.0653	0.9006	0.8058	1.007
rs11117424	84529738	A	G	0.2908	0.316	0.0653	0.9006	0.8058	1.007
rs11117425	84529772	C	T	0.2908	0.3158	0.06452	0.9003	0.8055	1.006
rs11648012	84529908	C	T	0.2913	0.3163	0.06643	0.9009	0.8059	1.007
84530056	84530056	G	T	0.02102	0.01834	0.7497	1.06	0.7394	1.521
rs11643999	84530070	G	A	0.2927	0.3175	0.065	0.9007	0.8061	1.007
rs11648084	84530099	C	T	0.2927	0.317	0.06469	0.9006	0.8059	1.006
rs11644034	84530113	G	A	0.1246	0.129	0.5134	0.9502	0.8153	1.107

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs16940083	84530130	C	T	0.222	0.2164	0.2431	1.078	0.9505	1.222
rs13335265	84530311	G	C	0.08899	0.09455	0.2879	0.9068	0.7572	1.086
rs8062669	84530493	C	T	0.2395	0.2374	0.5535	1.037	0.9197	1.169
rs12711490	84530529	T	C	0.09201	0.0953	0.453	0.9349	0.7842	1.115
rs12598434	84530560	G	T	0.2923	0.3164	0.06936	0.9023	0.8075	1.008
rs11641153	84530641	A	G	0.08837	0.09136	0.4849	0.938	0.7839	1.122
rs7205434	84530696	C	G	0.08837	0.09136	0.4849	0.938	0.7839	1.122
rs8050476	84530705	A	G	0.2474	0.245	0.5018	1.041	0.925	1.173
rs4843868	84530902	C	T	0.1221	0.1251	0.5818	0.9575	0.8203	1.118
rs1879213	84530977	C	T	0.1662	0.1891	0.05376	0.8762	0.766	1.002
rs56250418	84530999	G	T	0.01669	0.01543	0.8784	1.031	0.6953	1.529
84531120	84531120	C	A	0.01385	0.01729	0.295	0.805	0.5365	1.208
84531157	84531157	C	T	0.03666	0.03532	0.922	0.9867	0.7547	1.29
rs73266846	84531335	A	T	0.1444	0.1363	0.5233	1.05	0.9047	1.218
rs305065	84531367	C	G	0.07279	0.08696	0.01305	0.7905	0.6565	0.9517
rs305064	84531643	G	A	0.0742	0.0885	0.01178	0.7894	0.6568	0.9489
rs9927123	84531682	G	A	0.5092	0.4878	0.06333	1.102	0.9946	1.222
rs16940087	84531752	C	T	0.1999	0.1907	0.09274	1.118	0.9817	1.273
rs16940088	84531870	C	T	0.1668	0.1912	0.03709	0.867	0.7581	0.9915
rs13330932	84532008	C	T	0.2236	0.227	0.5393	0.9622	0.8509	1.088
84532153	84532153	G	A	0.0363	0.03532	0.8585	0.9759	0.7461	1.276
84532251	84532251	C	A	0.05191	0.06114	0.2422	0.8746	0.6987	1.095
rs56834409	84532277	A	G	0.1676	0.1912	0.04511	0.8719	0.7624	0.997
rs4843869	84532642	G	A	0.08822	0.09159	0.4187	0.9287	0.7762	1.111
84532751	84532751	C	A	0.05191	0.06111	0.2443	0.8751	0.6991	1.095
84532869	84532869	C	T	0.03441	0.03422	0.7791	0.9615	0.731	1.265
rs305061	84533160	T	C	0.1526	0.1594	0.1476	0.9024	0.7853	1.037
rs305060	84533417	C	T	0.1615	0.177	0.02917	0.8607	0.7522	0.9849
rs16940099	84533441	T	C	0.009855	0.0139	0.1324	0.7009	0.4413	1.113
rs16940100	84533460	C	T	0.01283	0.01505	0.3773	0.8263	0.5409	1.262
rs305059	84533519	A	G	0.1629	0.1784	0.02697	0.8589	0.7506	0.9828
84533672	84533672	C	T	0.01283	0.01505	0.3773	0.8263	0.5409	1.262
84533804	84533804	T	C	0.01283	0.01505	0.3773	0.8263	0.5409	1.262
84534005	84534005	G	C	0.04136	0.03171	0.01947	1.396	1.055	1.847
rs7202472	84535003	G	T	0.08596	0.08949	0.3965	0.9248	0.7719	1.108
84535351	84535351	A	T	0.04221	0.0367	0.3851	1.123	0.864	1.461
84535387	84535387	C	T	0.04221	0.0367	0.3851	1.123	0.864	1.461
rs305097	84535412	G	A	0.4844	0.4532	0.002259	1.174	1.059	1.302
rs305096	84535433	C	T	0.04967	0.04535	0.2286	1.16	0.9109	1.478
rs62051024	84535456	A	C	0.05409	0.04374	0.03775	1.291	1.015	1.642
rs305095	84535500	C	T	0.4964	0.4653	0.002335	1.167	1.057	1.29
84535501	84535501	C	T	0.03663	0.03547	0.7184	1.052	0.7984	1.386
rs305094	84535606	T	C	0.1651	0.1712	0.1414	0.9033	0.7889	1.034
rs16940101	84535626	A	G	0.0275	0.03151	0.2013	0.8244	0.6131	1.109
rs16940103	84535710	G	T	0.01901	0.02667	0.06562	0.7203	0.508	1.021
rs16940104	84535711	G	T	0.02404	0.02809	0.21	0.8175	0.5967	1.12
rs7190319	84536046	A	G	0.2241	0.2443	0.1136	0.9071	0.804	1.024
rs305093	84536086	C	T	0.09754	0.1098	0.03853	0.8406	0.7131	0.9909
rs11639990	84536305	G	C	0.2238	0.2421	0.1805	0.9206	0.8157	1.039
rs305092	84536618	G	A	0.1537	0.1675	0.02396	0.854	0.7447	0.9794
rs305091	84536744	G	A	0.1078	0.1203	0.02981	0.8395	0.7169	0.983
rs305090	84536847	C	T	0.1928	0.2047	0.03678	0.8731	0.7687	0.9917
84536862	84536862	G	A	0.04134	0.04599	0.329	0.8834	0.6888	1.133
rs16940110	84537074	T	C	0.02353	0.02179	0.5638	1.109	0.7813	1.573
84537377	84537377	G	A	0.04521	0.04157	0.742	1.043	0.8103	1.344
84537750	84537750	C	A	0.03717	0.03587	0.6271	1.07	0.8136	1.408
rs965773	84537847	A	C	0.3887	0.4171	0.005254	0.862	0.7766	0.9567
rs731709	84538088	T	C	0.1655	0.1527	0.1176	1.117	0.9725	1.283
rs731707	84538469	C	T	0.3475	0.3785	0.003592	0.854	0.7679	0.9497
rs305089	84538531	C	T	0.09856	0.1126	0.01646	0.8196	0.6966	0.9643
rs305088	84539102	C	T	0.08918	0.1032	0.02869	0.8243	0.6933	0.9801

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs305086	84540022	G	A	0.3657	0.3496	0.1822	1.074	0.9672	1.192
rs6540234	84540557	C	T	0.06894	0.08134	0.02755	0.8056	0.6647	0.9764
84541385	84541385	C	A	0.05253	0.0532	0.4831	1.086	0.8627	1.367
rs8047292	84541556	T	A	0.03604	0.04807	0.006719	0.7058	0.5486	0.908
rs908988	84542101	A	G	0.3073	0.3146	0.3009	0.9456	0.8504	1.051
rs8060078	84542153	G	T	0.1769	0.1677	0.1328	1.109	0.9692	1.268
84542243	84542243	C	T	0.01951	0.01893	0.8213	1.045	0.7156	1.525
84542469	84542469	C	A	0.02741	0.0244	0.3337	1.173	0.8485	1.622
rs908985	84542503	C	T	0.3353	0.3528	0.2309	0.9375	0.8437	1.042
rs908984	84542530	A	T	0.2737	0.2896	0.1246	0.918	0.8231	1.024
rs57670691	84542583	G	A	0.08223	0.08282	0.9902	1.001	0.8366	1.198
rs57396687	84542701	G	A	0.08223	0.08282	0.9899	1.001	0.8366	1.198
84542720	84542720	A	C	0.06008	0.06156	0.5566	1.066	0.8611	1.32
84542848	84542848	T	C	0.02419	0.02372	0.7814	1.049	0.75	1.466
rs1915034	84542858	G	A	0.2031	0.2187	0.07443	0.8943	0.7911	1.011
rs4240807	84542862	C	A	0.191	0.2052	0.1012	0.901	0.7955	1.021
rs1915033	84542932	C	T	0.3419	0.3576	0.2536	0.941	0.8476	1.045
rs4843871	84543036	A	G	0.3411	0.3573	0.24	0.9392	0.846	1.043
rs4843872	84543172	G	A	0.2842	0.2978	0.1806	0.9276	0.8309	1.035
84543177	84543177	C	T	0.01883	0.01864	0.9516	0.9883	0.675	1.447
rs59479659	84543225	T	G	0.1302	0.1299	0.8412	0.9845	0.8451	1.147
84543380	84543380	C	G	0.06154	0.06407	0.7756	1.031	0.8364	1.27
rs58073431	84543416	G	C	0.2614	0.2558	0.4833	1.044	0.9249	1.179
rs59821663	84543420	G	A	0.08222	0.08338	0.8912	0.9875	0.8252	1.182
rs59403904	84543458	C	T	0.1518	0.1507	0.5775	1.041	0.9032	1.2
rs58189590	84543560	G	A	0.1497	0.1497	0.6482	1.033	0.8973	1.19
rs57426547	84543596	C	T	0.1494	0.1497	0.6655	1.032	0.8957	1.188
84544270	84544270	C	T	0.02679	0.02735	0.6297	0.9245	0.6719	1.272
rs73268908	84544290	C	A	0.1494	0.1498	0.6861	1.03	0.8939	1.186
rs73268912	84544401	C	A	0.08222	0.08291	0.9341	0.9924	0.829	1.188
rs7204443	84544590	C	T	0.06031	0.05446	0.374	1.106	0.8855	1.382
rs59120392	84544797	C	T	0.1791	0.1785	0.6283	1.033	0.9054	1.179
rs61464600	84545305	A	G	0.1783	0.1785	0.7003	1.026	0.8998	1.17
rs13337463	84545523	A	G	0.2316	0.2485	0.2048	0.9256	0.8214	1.043
rs73268919	84545536	G	A	0.1781	0.1785	0.7153	1.025	0.8986	1.169
rs8060960	84545861	C	T	0.2957	0.3031	0.6464	0.975	0.8749	1.086
rs8048151	84546099	T	C	0.1328	0.1528	0.0556	0.8648	0.7452	1.003
rs11861594	84546240	G	A	0.01718	0.01975	0.673	0.9218	0.6315	1.345
rs73268923	84546268	C	T	0.08161	0.08151	0.9617	1.004	0.8382	1.204
84546359	84546359	G	A	0.08094	0.08105	0.9767	1.003	0.8365	1.202
rs6540235	84546396	C	T	0.3498	0.3716	0.09813	0.9158	0.8251	1.016
rs7199472	84546685	T	G	0.2707	0.2811	0.4417	0.9573	0.8567	1.07
rs13333193	84547043	G	A	0.02249	0.03428	0.001407	0.606	0.4457	0.8241
rs4843873	84547276	G	A	0.09118	0.1074	0.04231	0.8374	0.7055	0.9939
rs4843874	84547399	T	C	0.09633	0.1137	0.03035	0.8323	0.7049	0.9827
rs73268928	84547653	C	G	0.08826	0.08602	0.7656	1.028	0.8566	1.234
rs11117426	84547768	T	C	0.1193	0.1289	0.1074	0.8824	0.7578	1.028
rs925993	84547852	C	T	0.0844	0.09948	0.04785	0.8352	0.6988	0.9983
rs925992	84548081	C	T	0.08792	0.1067	0.01525	0.8075	0.6793	0.9597
rs8057009	84548424	T	G	0.1992	0.1884	0.1646	1.095	0.9634	1.245
rs6540236	84548591	G	A	0.08538	0.09899	0.08422	0.8567	0.7188	1.021
rs6540237	84548593	C	T	0.1161	0.1162	0.6249	1.041	0.887	1.221
rs12445476	84548770	A	C	0.07733	0.08398	0.06525	0.8411	0.6997	1.011
84548901	84548901	G	T	0.05212	0.04299	0.1105	1.217	0.9562	1.549
rs7200248	84549137	T	C	0.1301	0.1289	0.5807	1.044	0.8969	1.214
rs7185590	84549154	C	A	0.1152	0.1177	0.8901	1.011	0.8621	1.186
rs7200264	84549163	T	C	0.1362	0.1335	0.4489	1.061	0.9098	1.238
rs11642873	84549206	A	C	0.05286	0.05086	0.8826	0.983	0.7828	1.234
rs6540238	84549328	G	A	0.08865	0.1012	0.1089	0.869	0.732	1.032
rs12444486	84550150	T	C	0.4055	0.4166	0.2261	0.9395	0.8493	1.039
rs4843876	84550233	A	T	0.1835	0.2	0.1676	0.9139	0.8042	1.039

SNP	Position (bp)	A2_major	A1_minor	MAF_case	MAF_ctrl	P	OR	L95	U95
rs2361764	84550459	C	G	0.212	0.2275	0.2631	0.9328	0.8259	1.054
rs2361763	84550635	T	C	0.2847	0.2881	0.9857	1.001	0.8947	1.12
rs2885364	84550691	A	T	0.09532	0.1073	0.133	0.8801	0.745	1.04
rs4843877	84550733	G	C	0.09586	0.1065	0.1668	0.8895	0.7534	1.05
rs9933690	84550796	C	T	0.1839	0.2	0.2009	0.92	0.8096	1.045
84550849	84550849	G	T	0.01425	0.01648	0.4011	0.8302	0.5377	1.282
rs10863203	84551081	C	T	0.09394	0.1041	0.1977	0.8955	0.7571	1.059
rs17810337	84551566	C	A	0.09398	0.1046	0.1853	0.8925	0.7543	1.056
rs908983	84552021	T	C	0.1422	0.1596	0.09156	0.885	0.7679	1.02
rs11859063	84552197	A	C	0.04623	0.05577	0.1227	0.8315	0.6578	1.051
rs883332	84552225	T	C	0.03473	0.02982	0.248	1.183	0.8895	1.573
rs2049086	84552380	G	T	0.1347	0.1536	0.06223	0.8698	0.7512	1.007
rs908982	84552384	C	A	0.1347	0.1536	0.06223	0.8698	0.7512	1.007
rs8044852	84552728	G	A	0.1399	0.1577	0.07119	0.8762	0.759	1.011
rs908981	84552926	C	T	0.135	0.1538	0.05963	0.8692	0.7513	1.006
rs12446139	84553085	A	G	0.1348	0.1536	0.0573	0.8682	0.7505	1.004
rs12919427	84553160	G	A	0.135	0.1538	0.05963	0.8692	0.7513	1.006
rs12930405	84553163	G	C	0.135	0.1538	0.05963	0.8692	0.7513	1.006
rs11642456	84553581	G	T	0.1353	0.1539	0.06264	0.8706	0.7523	1.007
rs11645398	84553796	A	G	0.1198	0.1369	0.07137	0.8651	0.739	1.013
84554073	84554073	C	T	0.008523	0.01207	0.3118	0.7592	0.4452	1.295
rs59015387	84554628	T	A	0.01903	0.02047	0.7929	0.9512	0.6546	1.382
84556512	84556512	G	A	0.0167	0.01868	0.7131	0.9275	0.6211	1.385
rs74032515	84558875	C	G	0.01204	0.01194	0.8184	0.9453	0.5849	1.528

Table S5. Conditioning on rs8046526

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs11861580	84456048	G	ADD	7345	0.9345	0.07251	0.8107	1.077	-0.9335	0.3505
16	rs9934049	84456117	T	ADD	6067	1.139	0.09563	0.9442	1.374	1.36	0.1739
16	84456852	84456852	A	ADD	7406	0.5795	0.3037	0.3195	1.051	-1.796	0.07244
16	84457076	84457076	T	ADD	7391	1.47E+09	1.66E+04	0	inf	0.00127	0.999
16	rs16939834	84458109	C	ADD	7408	0.8021	0.2344	0.5067	1.27	-0.9407	0.3469
16	84458146	84458146	A	ADD	7402	1.01E+09	1.72E+04	0	inf	0.001203	0.999
16	rs11864884	84458540	T	ADD	7403	1.029	0.03822	0.9546	1.109	0.7432	0.4573
16	rs7185918	84458566	T	ADD	7408	1.027	0.04303	0.9442	1.118	0.6263	0.5311
16	84458726	84458726	C	ADD	7384	1.327	0.1957	0.9045	1.948	1.447	0.1478
16	rs72805167	84458737	G	ADD	7232	1.147	0.4356	0.4885	2.695	0.3155	0.7524
16	84458834	84458834	O	ADD	6404	NA	NA	NA	NA	NA	NA
16	rs11859433	84458903	C	ADD	7357	0.9263	0.07383	0.8015	1.071	-1.037	0.2997
16	84459157	84459157	G	ADD	7088	0.9012	0.07564	0.777	1.045	-1.376	0.1688
16	rs12926601	84459167	T	ADD	7135	1.052	0.04438	0.9646	1.148	1.148	0.2511
16	rs4843854	84460016	C	ADD	7381	1.047	0.03638	0.9746	1.124	1.253	0.2102
16	rs4843855	84460047	T	ADD	6887	1.027	0.03909	0.9516	1.109	0.6904	0.4899
16	rs4843856	84460058	C	ADD	7385	1.038	0.03465	0.9699	1.111	1.079	0.2806
16	rs12930347	84461177	C	ADD	7403	1.03	0.04195	0.9487	1.118	0.7043	0.4812
16	84461320	84461320	O	ADD	7409	NA	NA	NA	NA	NA	NA
16	rs62052470	84461723	A	ADD	6855	0.9126	0.09784	0.7533	1.105	-0.9351	0.3497
16	84461729	84461729	O	ADD	7412	NA	NA	NA	NA	NA	NA
16	rs62052471	84462333	G	ADD	6647	0.9837	0.1164	0.7829	1.236	-0.1415	0.8875
16	84462405	84462405	A	ADD	6309	1.03	0.04391	0.9452	1.123	0.6757	0.4992
16	84462407	84462407	A	ADD	5681	1.059	0.04835	0.9633	1.164	1.186	0.2356
16	84462423	84462423	A	ADD	5171	1.04	0.126	0.8124	1.331	0.3106	0.7561
16	84462425	84462425	A	ADD	3737	1.201	0.09327	1	1.442	1.963	0.0496
16	84462437	84462437	C	ADD	3985	1.142	0.09826	0.942	1.385	1.352	0.1763
16	84462507	84462507	C	ADD	5001	1.228	0.1119	0.9861	1.529	1.834	0.06659
16	84462539	84462539	C	ADD	7127	0.925	0.1157	0.7373	1.161	-0.6736	0.5006
16	rs55697192	84462546	C	ADD	6053	1.048	0.07261	0.9087	1.208	0.6421	0.5208
16	84463073	84463073	A	ADD	6714	1.39	0.2284	0.8887	2.176	1.443	0.1489
16	84463237	84463237	T	ADD	7247	0.8956	0.194	0.6124	1.31	-0.5685	0.5697
16	rs12935659	84463429	C	ADD	7387	0.9972	0.03789	0.9258	1.074	-0.07367	0.9413
16	84463607	84463607	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs72805168	84463633	C	ADD	7275	1.269	0.9786	0.1864	8.635	0.2431	0.8079
16	rs62052474	84463910	A	ADD	7380	0.8739	0.07198	0.759	1.006	-1.872	0.06122
16	84463953	84463953	T	ADD	7366	0.7038	1.415	0.04393	11.28	-0.2482	0.804
16	84463987	84463987	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84464105	84464105	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs11648716	84464117	G	ADD	7412	0.8914	0.07069	0.7761	1.024	-1.626	0.1039
16	rs8056522	84464397	C	ADD	7402	1.038	0.04366	0.9532	1.131	0.8619	0.3887
16	rs9929675	84464599	A	ADD	7376	1.001	0.03817	0.9291	1.079	0.03283	0.9738
16	rs9929701	84464675	C	ADD	7377	1.001	0.03817	0.9293	1.079	0.03856	0.9692
16	rs9924234	84465076	C	ADD	7382	1.003	0.03816	0.9306	1.081	0.07614	0.9393
16	rs9930043	84465079	C	ADD	7390	1.002	0.03816	0.93	1.08	0.05667	0.9548
16	84465151	84465151	C	ADD	7346	1.046	0.04335	0.9608	1.139	1.037	0.2996
16	rs9932359	84465411	A	ADD	7380	1.003	0.03816	0.9308	1.081	0.08145	0.9351
16	rs12448297	84467210	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs13336885	84469034	C	ADD	7263	1.004	0.03829	0.9312	1.082	0.09959	0.9207
16	rs7200396	84469798	C	ADD	7384	0.9946	0.03785	0.9235	1.071	-0.1425	0.8867
16	rs9923975	84469936	G	ADD	7367	1.055	0.04401	0.9679	1.15	1.218	0.2232
16	rs9932159	84470103	T	ADD	7387	0.9967	0.03797	0.9252	1.074	-0.08734	0.9304

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs9936199	84470118	G	ADD	7387	0.9948	0.03785	0.9237	1.071	-0.1379	0.8903
16	rs750669	84470371	G	ADD	7340	1.037	0.0349	0.9688	1.111	1.053	0.2925
16	rs2017161	84470594	C	ADD	7240	0.9874	0.03803	0.9165	1.064	-0.3338	0.7385
16	84470606	84470606	A	ADD	7368	1.033	0.03466	0.9651	1.106	0.9348	0.3499
16	84471137	84471137	G	ADD	7387	8.22E+08	1.72E+04	0	inf	0.001191	0.999
16	84471981	84471981	T	ADD	6665	0.9503	0.1345	0.7301	1.237	-0.3787	0.7049
16	84472217	84472217	T	ADD	6983	4.12E-10	2.44E+04	0	inf	-0.0008865	0.9993
16	rs55967832	84472469	C	ADD	7172	1.03	0.03508	0.9615	1.103	0.8418	0.3999
16	rs9925103	84472609	G	ADD	7080	0.8647	0.2284	0.5527	1.353	-0.6367	0.5243
16	rs34318854	84472707	C	ADD	7171	1.03	0.03508	0.9617	1.103	0.8457	0.3977
16	rs34723871	84472711	C	ADD	7171	1.03	0.03508	0.9617	1.103	0.8457	0.3977
16	rs56143130	84472719	C	ADD	7171	1.03	0.03508	0.9617	1.103	0.8457	0.3977
16	rs9925282	84472806	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs9931862	84472878	T	ADD	7178	1.079	0.04424	0.9891	1.176	1.713	0.0868
16	rs9931687	84473282	A	ADD	7393	1.099	0.04377	1.009	1.198	2.165	0.0304
16	rs6540231	84473561	G	ADD	7369	1.019	0.03463	0.9525	1.091	0.5553	0.5787
16	84473745	84473745	O	ADD	6414	NA	NA	NA	NA	NA	NA
16	84474001	84474001	C	ADD	6413	0.9566	0.04451	0.8767	1.044	-0.9964	0.3191
16	84474531	84474531	C	ADD	6720	0.8521	0.8612	0.1575	4.608	-0.1859	0.8525
16	rs367170	84474588	A	ADD	4844	1.205	0.09879	0.9925	1.462	1.884	0.05961
16	rs409219	84474592	T	ADD	4769	1.364	0.1207	1.077	1.728	2.572	0.01013
16	84474714	84474714	C	ADD	5062	1.067	0.05728	0.954	1.194	1.138	0.255
16	rs62052475	84474717	C	ADD	5071	1.069	0.05711	0.9558	1.196	1.168	0.2427
16	84474721	84474721	C	ADD	5754	1.052	0.1593	0.7701	1.438	0.3194	0.7494
16	rs426900	84474799	C	ADD	6773	0.9829	0.07664	0.8458	1.142	-0.225	0.822
16	rs9937847	84475052	C	ADD	7398	0.9535	0.06677	0.8365	1.087	-0.7132	0.4757
16	rs16939877	84475320	A	ADD	6826	0.8187	0.1116	0.6579	1.019	-1.792	0.07319
16	rs376783	84475324	A	ADD	7405	1.111	0.04149	1.025	1.206	2.547	0.01086
16	rs428578	84475445	G	ADD	7305	1.034	0.03603	0.9639	1.11	0.9407	0.3469
16	84475528	84475528	A	ADD	7044	0.8972	0.2065	0.5985	1.345	-0.5251	0.5995
16	rs371800	84475621	T	ADD	7384	1.174	0.09071	0.983	1.403	1.771	0.07651
16	rs447377	84476336	G	ADD	7378	1.032	0.03586	0.9617	1.107	0.8703	0.3841
16	rs9936406	84476343	T	ADD	7407	1.003	0.03695	0.9326	1.078	0.07101	0.9434
16	84476544	84476544	C	ADD	7343	0.9428	0.06969	0.8225	1.081	-0.8447	0.3983
16	rs439390	84476707	G	ADD	7143	1.015	0.03644	0.9454	1.091	0.4193	0.675
16	84476754	84476754	C	ADD	7369	0.8316	0.08721	0.7009	0.9866	-2.115	0.03442
16	rs9928868	84476971	C	ADD	7368	0.8707	0.5561	0.2928	2.59	-0.2489	0.8034
16	rs384915	84477113	A	ADD	7352	1.15	0.0932	0.9581	1.381	1.5	0.1336
16	84477167	84477167	C	ADD	4723	0.9333	0.0764	0.8035	1.084	-0.9031	0.3665
16	84477725	84477725	A	ADD	7403	4.12	1.287	0.3308	51.31	1.1	0.2712
16	rs438968	84477729	C	ADD	7358	1.03	0.03575	0.9604	1.105	0.8288	0.4072
16	rs12596376	84477898	C	ADD	7285	1.019	0.03983	0.9429	1.102	0.4845	0.628
16	rs370703	84477981	T	ADD	7402	1.032	0.03573	0.9619	1.106	0.8713	0.3836
16	84478065	84478065	G	ADD	7386	0.5793	0.7936	0.1223	2.745	-0.6878	0.4916
16	rs395922	84478180	C	ADD	7004	1.075	0.09431	0.8939	1.294	0.77	0.4413
16	rs6540232	84478303	C	ADD	7308	1.009	0.03712	0.938	1.085	0.2349	0.8143
16	84478601	84478601	C	ADD	7386	1.176	0.09456	0.9769	1.415	1.713	0.08673
16	rs448136	84478848	C	ADD	7015	1.011	0.0359	0.9419	1.084	0.2931	0.7694
16	84478905	84478905	C	ADD	7408	0.6358	0.2958	0.3561	1.135	-1.531	0.1258
16	rs11642286	84479110	G	ADD	7409	0.8228	0.08469	0.697	0.9714	-2.302	0.02131
16	rs391821	84479528	T	ADD	7103	1.034	0.09489	0.8583	1.245	0.3491	0.727
16	rs428530	84480360	G	ADD	7354	1.154	0.09135	0.9651	1.381	1.572	0.116

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs11866609	84480582	G	ADD	7411	1.292	0.3781	0.6158	2.71	0.6775	0.4981
16	rs421710	84481015	C	ADD	7409	1.027	0.03571	0.9576	1.101	0.7461	0.4556
16	rs9308363	84481566	C	ADD	7365	1.003	0.03666	0.9338	1.078	0.09192	0.9268
16	84481963	84481963	A	ADD	6909	0.772	0.3317	0.403	1.479	-0.7802	0.4353
16	rs433322	84482073	G	ADD	7345	1.03	0.0357	0.96	1.104	0.8171	0.4139
16	rs11860464	84482464	T	ADD	7259	0.8268	0.5081	0.3054	2.238	-0.3743	0.7082
16	84482479	84482479	C	ADD	7355	1.006	0.0367	0.9359	1.081	0.1561	0.876
16	84482626	84482626	O	ADD	7131	NA	NA	NA	NA	NA	NA
16	rs401528	84482872	G	ADD	7322	1.165	0.08843	0.9796	1.385	1.727	0.08423
16	rs7193803	84483174	G	ADD	7409	1.005	0.0367	0.9351	1.08	0.1317	0.8952
16	84483336	84483336	O	ADD	7401	NA	NA	NA	NA	NA	NA
16	rs11117411	84483439	T	ADD	7326	0.826	0.08728	0.6961	0.9801	-2.19	0.02853
16	rs437740	84483537	C	ADD	7386	1.156	0.09227	0.9649	1.385	1.573	0.1157
16	84483596	84483596	A	ADD	7206	0.882	0.2102	0.5842	1.332	-0.5976	0.5501
16	rs438323	84483902	C	ADD	7384	1.16	0.09236	0.9677	1.39	1.604	0.1087
16	rs12922615	84484196	T	ADD	7311	0.9155	0.07076	0.797	1.052	-1.247	0.2124
16	rs394100	84484220	A	ADD	7204	1.111	0.08899	0.9333	1.323	1.184	0.2363
16	rs395498	84484222	G	ADD	7318	1.038	0.03583	0.9672	1.113	1.03	0.3028
16	rs452478	84484245	G	ADD	7383	1.154	0.09223	0.963	1.383	1.552	0.1207
16	rs452532	84484267	G	ADD	7382	1.159	0.09235	0.9675	1.389	1.602	0.1092
16	rs11117412	84484343	A	ADD	7101	1.039	0.04064	0.9597	1.125	0.9472	0.3435
16	rs434216	84484514	C	ADD	7051	1.029	0.03605	0.9585	1.104	0.7844	0.4328
16	rs1809094	84484727	A	ADD	6709	1.026	0.04411	0.9412	1.119	0.5853	0.5584
16	84484809	84484809	G	ADD	7273	1.549	0.3749	0.7431	3.23	1.168	0.2429
16	rs572967	84484995	G	ADD	7260	1.023	0.0366	0.9524	1.099	0.6274	0.5304
16	rs896263	84485020	G	ADD	7406	1.05	0.0401	0.9706	1.136	1.217	0.2238
16	rs403605	84485129	A	ADD	7399	0.9233	0.06019	0.8205	1.039	-1.327	0.1847
16	rs454128	84485236	G	ADD	7045	1.061	0.04028	0.9808	1.149	1.479	0.1391
16	rs391023	84485315	T	ADD	7359	1.063	0.03582	0.9907	1.14	1.699	0.0894
16	rs375288	84485372	A	ADD	7293	1.039	0.0369	0.9669	1.117	1.047	0.2951
16	rs446836	84485520	T	ADD	7063	0.7336	0.2987	0.4085	1.317	-1.037	0.2997
16	rs873616	84485667	G	ADD	7079	1.106	0.04574	1.011	1.209	2.194	0.0282
16	84485701	84485701	O	ADD	7412	NA	NA	NA	NA	NA	NA
16	rs60241040	84486065	G	ADD	7338	1.091	0.04471	0.999	1.19	1.938	0.05266
16	rs391855	84486122	T	ADD	7402	1.098	0.03714	1.021	1.181	2.526	0.01155
16	rs12149363	84486206	G	ADD	7336	0.9108	0.07063	0.7931	1.046	-1.323	0.186
16	rs386098	84486701	A	ADD	7213	0.9201	0.06915	0.8035	1.054	-1.205	0.2282
16	rs369173	84486783	G	ADD	7406	1.084	0.03671	1.009	1.165	2.205	0.02747
16	rs398114	84486785	C	ADD	7189	1.092	0.03743	1.015	1.175	2.347	0.0189
16	rs369597	84486935	C	ADD	7396	0.917	0.06872	0.8014	1.049	-1.261	0.2072
16	rs9924391	84487331	T	ADD	7405	0.9054	0.06962	0.7899	1.038	-1.427	0.1535
16	rs9932449	84487333	A	ADD	7403	0.9127	0.06865	0.7978	1.044	-1.331	0.1832
16	rs371391	84487395	C	ADD	7402	0.9223	0.06891	0.8058	1.056	-1.174	0.2403
16	rs388405	84487398	A	ADD	7411	0.9077	0.06837	0.7939	1.038	-1.417	0.1565
16	rs28368111	84487756	C	ADD	7373	1.441	0.402	0.6553	3.168	0.9084	0.3637
16	84487779	84487779	T	ADD	7355	1.01E+09	1.72E+04	0	inf	0.001203	0.999
16	rs381139	84487901	C	ADD	7297	0.9161	0.06991	0.7988	1.051	-1.254	0.2098
16	rs393512	84488072	C	ADD	7351	0.8891	0.06843	0.7775	1.017	-1.718	0.08582
16	rs416515	84488175	C	ADD	7343	0.9092	0.07004	0.7926	1.043	-1.359	0.1742
16	rs398229	84488191	A	ADD	7343	0.9092	0.07004	0.7926	1.043	-1.359	0.1742
16	84488361	84488361	C	ADD	1979	1.138	0.1226	0.895	1.447	1.055	0.2913
16	84488362	84488362	C	ADD	3766	0.9949	0.1199	0.7865	1.259	-0.04258	0.966

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs28368112	84488458	C	ADD	7009	1.101	0.04496	1.008	1.202	2.134	0.03286
16	84488780	84488780	C	ADD	7128	0.5805	0.3285	0.3049	1.105	-1.656	0.09774
16	rs170033	84489005	A	ADD	6679	0.9624	0.06618	0.8453	1.096	-0.5786	0.5629
16	84489382	84489382	O	ADD	7412	NA	NA	NA	NA	NA	NA
16	rs4843859	84489457	G	ADD	7330	1.08	0.04362	0.9916	1.176	1.766	0.07742
16	rs8058349	84489530	G	ADD	7380	0.8538	0.07119	0.7426	0.9816	-2.221	0.02637
16	rs191022	84489633	G	ADD	7280	1.035	0.04013	0.9572	1.12	0.8686	0.385
16	rs188602	84489852	T	ADD	7261	0.8899	0.06974	0.7762	1.02	-1.673	0.09428
16	rs422186	84489971	A	ADD	7360	0.8918	0.07042	0.7768	1.024	-1.626	0.1038
16	rs56177354	84490153	T	ADD	6708	0.8059	0.2983	0.4491	1.446	-0.7232	0.4695
16	rs2270501	84490489	T	ADD	7404	1.106	0.04498	1.013	1.208	2.237	0.02527
16	rs2270502	84490539	T	ADD	7220	0.8756	0.07554	0.7551	1.015	-1.759	0.07864
16	84490567	84490567	O	ADD	7404	NA	NA	NA	NA	NA	NA
16	84490724	84490724	A	ADD	7354	1.015	1.068	0.1252	8.222	0.01357	0.9892
16	84491082	84491082	A	ADD	7323	1.237	0.09604	1.025	1.493	2.213	0.02693
16	rs56196648	84491219	A	ADD	6628	1.017	0.1348	0.7807	1.324	0.1227	0.9023
16	rs305084	84491669	C	ADD	7340	1.113	0.05854	0.9925	1.249	1.832	0.06702
16	rs12447817	84491725	A	ADD	5209	0.9356	0.1398	0.7113	1.231	-0.4764	0.6338
16	84491886	84491886	G	ADD	7371	1.98	0.3861	0.9288	4.219	1.769	0.07696
16	84491947	84491947	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84492016	84492016	C	ADD	7202	0.9099	0.07395	0.7871	1.052	-1.277	0.2017
16	rs1519978	84492712	T	ADD	7377	1.251	0.07014	1.09	1.435	3.194	0.001404
16	rs16939906	84493007	A	ADD	7335	1.285	0.5776	0.4142	3.985	0.4339	0.6644
16	84493033	84493033	C	ADD	5882	0.7797	0.2729	0.4566	1.331	-0.9119	0.3618
16	rs16882	84493074	C	ADD	7400	1.24	0.06943	1.082	1.421	3.098	0.001947
16	rs11649549	84493298	C	ADD	7392	1.232	0.06953	1.075	1.412	2.998	0.002721
16	rs305083	84493379	G	ADD	7270	1.23	0.06991	1.072	1.41	2.959	0.003085
16	rs12924316	84493764	T	ADD	7407	1.094	0.04467	1.002	1.194	2.01	0.0444
16	84493893	84493893	C	ADD	4285	1.203	0.06161	1.066	1.357	2.996	0.002735
16	84493900	84493900	C	ADD	4348	1.201	0.06151	1.065	1.355	2.978	0.002898
16	84493903	84493903	C	ADD	4349	1.197	0.06149	1.061	1.351	2.929	0.003402
16	84493958	84493958	C	ADD	7387	1.503	0.434	0.6421	3.519	0.939	0.3477
16	84494383	84494383	T	ADD	7240	0.9904	0.1926	0.679	1.445	-0.05021	0.96
16	rs305082	84494479	C	ADD	7403	1.238	0.06819	1.083	1.415	3.131	0.001742
16	84494689	84494689	O	ADD	7388	NA	NA	NA	NA	NA	NA
16	84494863	84494863	C	ADD	7375	1.264	0.09357	1.052	1.518	2.5	0.01241
16	84495087	84495087	T	ADD	7236	2.259	0.9142	0.3765	13.55	0.8914	0.3727
16	rs182511	84495157	G	ADD	7410	1.096	0.1287	0.8515	1.41	0.7114	0.4769
16	84495288	84495288	O	ADD	7040	NA	NA	NA	NA	NA	NA
16	84495780	84495780	A	ADD	7392	1.443	1.083	0.1729	12.05	0.339	0.7346
16	84495918	84495918	C	ADD	4733	1.403	0.1655	1.014	1.941	2.047	0.04069
16	84495937	84495937	C	ADD	5833	0.8526	0.1116	0.6852	1.061	-1.429	0.153
16	84495977	84495977	C	ADD	7120	0.8992	0.1849	0.6258	1.292	-0.5746	0.5655
16	rs11642583	84496096	G	ADD	7370	1.211	0.1037	0.9885	1.484	1.848	0.06454
16	rs9940980	84496182	T	ADD	7409	1.211	0.1027	0.9898	1.48	1.86	0.06282
16	rs9926664	84496256	G	ADD	7386	1.216	0.1029	0.9942	1.488	1.903	0.057
16	rs11646550	84496336	A	ADD	7361	1.245	0.1071	1.009	1.536	2.046	0.04078
16	84496676	84496676	O	ADD	7402	NA	NA	NA	NA	NA	NA
16	84496724	84496724	O	ADD	7412	NA	NA	NA	NA	NA	NA
16	84496745	84496745	C	ADD	7122	1.463	1.083	0.1752	12.22	0.3514	0.7253
16	84496751	84496751	C	ADD	7122	1.463	1.083	0.1752	12.22	0.3514	0.7253
16	rs3794662	84497151	A	ADD	7396	1.273	0.09323	1.06	1.528	2.585	0.009726

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84497159	84497159	0	ADD	7405	NA	NA	NA	NA	NA	NA
16	rs3794661	84497167	A	ADD	7369	1.235	0.09395	1.027	1.484	2.245	0.02479
16	rs62052556	84497511	T	ADD	7328	1.246	0.1147	0.9949	1.56	1.916	0.05542
16	84497894	84497894	G	ADD	7303	0.7785	0.7329	0.1851	3.274	-0.3416	0.7327
16	84497914	84497914	G	ADD	7303	0.7785	0.7329	0.1851	3.274	-0.3416	0.7327
16	84498477	84498477	G	ADD	7126	0.9279	0.1294	0.72	1.196	-0.5782	0.5631
16	rs4843320	84498514	T	ADD	7273	1.078	0.04664	0.9838	1.181	1.61	0.1073
16	84498527	84498527	A	ADD	7221	0.9916	0.1926	0.6799	1.446	-0.04355	0.9653
16	84498533	84498533	T	ADD	7129	0.9419	0.301	0.5222	1.699	-0.1988	0.8424
16	84499184	84499184	G	ADD	7365	1.506	0.5041	0.5607	4.044	0.8121	0.4167
16	rs305080	84499275	T	ADD	7311	1.132	0.04073	1.046	1.227	3.054	0.002259
16	84499414	84499414	G	ADD	7192	1.223	0.1803	0.8589	1.741	1.116	0.2643
16	rs10514610	84499676	C	ADD	7411	1.234	0.08992	1.035	1.472	2.34	0.0193
16	rs16939917	84499921	A	ADD	7353	1.244	0.09038	1.042	1.485	2.419	0.01558
16	rs305079	84499997	C	ADD	7401	1.274	0.0871	1.074	1.511	2.777	0.005488
16	84500417	84500417	0	ADD	7380	NA	NA	NA	NA	NA	NA
16	rs305078	84500644	G	ADD	7379	2.639	0.539	0.9174	7.589	1.8	0.07187
16	rs3794660	84500669	C	ADD	7321	1.235	0.09666	1.022	1.493	2.186	0.02885
16	84500726	84500726	T	ADD	7221	0.9923	0.1926	0.6804	1.447	-0.04013	0.968
16	rs305077	84500967	C	ADD	7406	1.159	0.04034	1.071	1.254	3.659	0.0002529
16	84501753	84501753	0	ADD	7405	NA	NA	NA	NA	NA	NA
16	84501767	84501767	0	ADD	7405	NA	NA	NA	NA	NA	NA
16	84501890	84501890	0	ADD	7413	NA	NA	NA	NA	NA	NA
16	84501918	84501918	0	ADD	7399	NA	NA	NA	NA	NA	NA
16	rs391525	84501940	G	ADD	7401	1.156	0.04031	1.069	1.252	3.606	0.0003104
16	rs366304	84502301	A	ADD	7345	0.7627	0.4975	0.2877	2.022	-0.5444	0.5862
16	rs2292982	84502324	G	ADD	7407	1.165	0.04039	1.077	1.261	3.787	0.0001526
16	84502367	84502367	0	ADD	7362	NA	NA	NA	NA	NA	NA
16	rs2292980	84502577	C	ADD	7406	1.167	0.04037	1.078	1.263	3.824	0.0001315
16	84502640	84502640	A	ADD	7411	2.023	0.7954	0.4254	9.615	0.8855	0.3759
16	rs8052064	84502732	T	ADD	7214	1.175	0.1131	0.9411	1.466	1.423	0.1547
16	rs16939945	84502750	T	ADD	7373	0.8172	0.1074	0.6621	1.009	-1.88	0.06014
16	84502870	84502870	T	ADD	7411	0.3115	1.236	0.02761	3.514	-0.9434	0.3455
16	84502888	84502888	C	ADD	7411	0.3115	1.236	0.02761	3.514	-0.9434	0.3455
16	rs1519976	84503176	G	ADD	7390	1.107	0.03669	1.031	1.19	2.783	0.005388
16	rs768410	84503229	G	ADD	7395	1.108	0.03669	1.031	1.19	2.785	0.005348
16	rs147968	84503340	C	ADD	7383	1.106	0.03672	1.029	1.189	2.745	0.006054
16	84503481	84503481	0	ADD	7410	NA	NA	NA	NA	NA	NA
16	84503489	84503489	0	ADD	7355	NA	NA	NA	NA	NA	NA
16	rs925994	84503518	A	ADD	7387	1.27	0.0924	1.06	1.522	2.586	0.009716
16	rs12923978	84503825	C	ADD	7282	1.145	0.04343	1.051	1.246	3.113	0.001855
16	rs424971	84503951	C	ADD	7346	1.101	0.03689	1.024	1.183	2.602	0.009264
16	rs11649318	84503982	C	ADD	7397	1.116	0.03854	1.035	1.204	2.857	0.004273
16	rs11863590	84503995	G	ADD	7289	1.146	0.04341	1.053	1.248	3.145	0.001661
16	84504494	84504494	0	ADD	7392	NA	NA	NA	NA	NA	NA
16	84504502	84504502	0	ADD	7405	NA	NA	NA	NA	NA	NA
16	84504605	84504605	C	ADD	7045	0.9335	0.05968	0.8304	1.049	-1.153	0.2488
16	84504608	84504608	T	ADD	7404	1.021	0.6345	0.2943	3.54	0.03227	0.9743
16	84504790	84504790	0	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs8051462	84504828	G	ADD	7382	1.104	0.0364	1.028	1.185	2.711	0.0067
16	rs8064111	84504976	T	ADD	7291	1.249	0.115	0.9971	1.565	1.935	0.05299
16	rs8047999	84505028	C	ADD	7397	1.097	0.03638	1.022	1.178	2.548	0.01083

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84505065	84505065	C	ADD	7385	0.4846	1.287	0.03888	6.041	-0.5628	0.5736
16	84505099	84505099	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84505252	84505252	A	ADD	7263	1.175	0.1866	0.8152	1.694	0.8651	0.387
16	rs903202	84505280	C	ADD	7294	1.088	0.03634	1.013	1.169	2.328	0.01991
16	rs13331970	84505479	A	ADD	7383	1.021	0.365	0.4991	2.087	0.05583	0.9555
16	rs17444416	84505599	A	ADD	7402	0.9845	0.07373	0.8521	1.138	-0.2112	0.8327
16	84505753	84505753	G	ADD	7398	1.023	0.6344	0.295	3.547	0.03577	0.9715
16	rs11649271	84505830	C	ADD	7359	1.222	0.1226	0.9608	1.554	1.634	0.1024
16	84505980	84505980	O	ADD	7411	NA	NA	NA	NA	NA	NA
16	rs903203	84506142	A	ADD	7036	1.081	0.03901	1.001	1.167	1.998	0.04572
16	84506417	84506417	T	ADD	7404	1.021	0.6345	0.2943	3.54	0.03227	0.9743
16	rs403038	84506572	A	ADD	7405	1.182	0.1173	0.939	1.487	1.424	0.1545
16	rs8054513	84506608	G	ADD	7393	1.228	0.1221	0.9666	1.56	1.682	0.09256
16	rs8059127	84506690	A	ADD	7393	1.061	0.3288	0.5571	2.022	0.1811	0.8563
16	rs62052557	84506707	A	ADD	6934	0.7161	0.4364	0.3044	1.684	-0.7652	0.4442
16	rs305071	84506772	A	ADD	7117	1.03	0.08755	0.8674	1.222	0.3347	0.7379
16	rs28552575	84506805	T	ADD	7393	0.9242	0.3904	0.43	1.987	-0.2018	0.84
16	84506880	84506880	C	ADD	7361	1.056	0.2351	0.6659	1.674	0.2307	0.8175
16	rs305070	84506925	G	ADD	7401	1.132	0.1023	0.9264	1.383	1.212	0.2254
16	rs9928776	84506960	T	ADD	7391	1.034	0.3862	0.4852	2.205	0.08763	0.9302
16	rs16939967	84506974	T	ADD	7405	1.104	0.04642	1.008	1.209	2.124	0.03368
16	rs305069	84507059	C	ADD	7247	1.091	0.03651	1.016	1.172	2.393	0.01672
16	rs35819447	84507211	G	ADD	7110	1.461	1.083	0.1749	12.2	0.3501	0.7263
16	84507230	84507230	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs305068	84507397	G	ADD	7363	1.245	0.1228	0.9783	1.583	1.782	0.07481
16	rs16939969	84507645	C	ADD	7400	0.9274	0.2998	0.5153	1.669	-0.2513	0.8016
16	rs28631400	84507948	T	ADD	7397	0.7972	0.3605	0.3933	1.616	-0.6287	0.5295
16	rs28407896	84507957	T	ADD	7397	0.7972	0.3605	0.3933	1.616	-0.6287	0.5295
16	84508024	84508024	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs11117415	84508187	G	ADD	7399	1.203	0.07487	1.039	1.393	2.469	0.01356
16	84508204	84508204	O	ADD	7411	NA	NA	NA	NA	NA	NA
16	rs4843860	84508422	G	ADD	7378	1.032	0.03922	0.9554	1.114	0.7969	0.4255
16	rs4843861	84508477	T	ADD	7404	1.031	0.03912	0.9545	1.113	0.7703	0.4411
16	rs9926067	84508696	G	ADD	7403	0.8212	0.316	0.4421	1.525	-0.6236	0.5329
16	rs12926854	84508759	G	ADD	7364	1.029	0.03921	0.9526	1.111	0.7215	0.4706
16	rs8054065	84508855	A	ADD	7313	0.9304	0.03826	0.8632	1.003	-1.886	0.05929
16	84508893	84508893	O	ADD	7277	NA	NA	NA	NA	NA	NA
16	rs8046526	84509136	T	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs9934699	84509137	A	ADD	7360	1.17	0.06712	1.025	1.334	2.335	0.01956
16	rs9934701	84509148	A	ADD	7360	1.17	0.06712	1.025	1.334	2.335	0.01956
16	rs9926411	84509158	G	ADD	7406	1.133	0.1256	0.8862	1.45	0.9979	0.3183
16	rs8058904	84509183	G	ADD	7390	NA	NA	NA	NA	NA	NA
16	rs9924484	84509239	G	ADD	7364	1.184	0.06718	1.038	1.351	2.513	0.01196
16	rs9924488	84509249	G	ADD	7356	1.029	0.03913	0.9533	1.111	0.7389	0.46
16	rs8064189	84509297	G	ADD	7295	1.178	0.06655	1.034	1.342	2.465	0.01371
16	84509524	84509524	O	ADD	6692	NA	NA	NA	NA	NA	NA
16	84509646	84509646	O	ADD	7231	NA	NA	NA	NA	NA	NA
16	rs28368114	84509781	A	ADD	7149	0.7758	0.5695	0.2541	2.369	-0.4458	0.6557
16	rs61995933	84509816	T	ADD	7355	2.519	1.283	0.2039	31.13	0.7202	0.4714
16	84510111	84510111	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84510173	84510173	C	ADD	7260	0.586	1.415	0.03656	9.392	-0.3776	0.7057
16	rs2280378	84510246	G	ADD	7371	1.099	0.03716	1.022	1.182	2.534	0.01129

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs7185022	84510430	A	ADD	7344	0.916	0.03731	0.8514	0.9855	-2.35	0.01875
16	rs13338943	84510452	T	ADD	7412	0.9386	0.05386	0.8446	1.043	-1.176	0.2397
16	rs12929551	84510511	T	ADD	7398	1.086	0.04624	0.9917	1.189	1.781	0.07495
16	84510613	84510613	T	ADD	7390	6.555	0.7992	1.368	31.4	2.352	0.01865
16	rs16939994	84510669	G	ADD	7390	1.095	0.1309	0.8475	1.416	0.6953	0.4868
16	rs8057456	84510697	T	ADD	7197	1.141	0.04102	1.053	1.237	3.217	0.001294
16	84510714	84510714	C	ADD	7352	2.28E-09	2.44E+04	0	inf	-0.0008162	0.9993
16	84510896	84510896	A	ADD	7051	0.9708	0.1329	0.7482	1.26	-0.2228	0.8237
16	84510938	84510938	O	ADD	7382	NA	NA	NA	NA	NA	NA
16	rs9927932	84510947	T	ADD	7412	1.434	0.3691	0.6953	2.955	0.9756	0.3293
16	rs11866752	84510994	T	ADD	7403	1.511	0.4265	0.6548	3.485	0.9673	0.3334
16	rs28368115	84511122	T	ADD	7379	1.031	0.1346	0.7921	1.343	0.2286	0.8191
16	rs16940005	84511183	C	ADD	7353	1.105	0.04666	1.008	1.211	2.136	0.03268
16	84511331	84511331	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs35593615	84511410	G	ADD	7382	1.095	0.04631	0.9998	1.199	1.955	0.05053
16	rs3751712	84511456	C	ADD	6737	1.122	0.04359	1.03	1.222	2.641	0.008277
16	84511483	84511483	A	ADD	5879	0.9093	0.2215	0.589	1.404	-0.4292	0.6678
16	rs4843321	84511577	C	ADD	7222	1.145	0.04278	1.053	1.245	3.158	0.001587
16	84511720	84511720	G	ADD	7408	8.247	1.108	0.9405	72.32	1.905	0.05684
16	rs16940007	84511788	T	ADD	7408	3.89E-10	2.44E+04	0	inf	-0.0008888	0.9993
16	rs16940009	84512089	C	ADD	7409	2.261	0.4914	0.8629	5.924	1.66	0.09691
16	84512224	84512224	T	ADD	7411	1.55E+09	2.44E+04	0	inf	0.0008681	0.9993
16	rs2270503	84512302	A	ADD	7404	0.3137	1.236	0.02782	3.537	-0.9379	0.3483
16	84512462	84512462	O	ADD	7406	NA	NA	NA	NA	NA	NA
16	84512553	84512553	O	ADD	7411	NA	NA	NA	NA	NA	NA
16	84512648	84512648	A	ADD	7407	2.558	1.329	0.189	34.62	0.7065	0.4799
16	rs28368116	84512695	C	ADD	7355	0.5754	0.2622	0.3442	0.9619	-2.108	0.03502
16	rs10514611	84512743	T	ADD	7352	1.197	0.07474	1.034	1.385	2.402	0.01631
16	rs1568391	84512805	G	ADD	7110	0.9205	0.03863	0.8534	0.9929	-2.144	0.03205
16	rs305072	84513164	G	ADD	7397	0.9923	0.1261	0.775	1.271	-0.0609	0.9514
16	rs1044873	84513172	A	ADD	7266	1.144	0.04251	1.052	1.243	3.155	0.001607
16	84513230	84513230	A	ADD	7060	0.9133	0.03903	0.846	0.9859	-2.324	0.02014
16	84513410	84513410	G	ADD	7403	0.3136	1.236	0.02781	3.536	-0.9382	0.3481
16	rs28368119	84513449	T	ADD	7137	0.6777	0.2176	0.4424	1.038	-1.788	0.0738
16	84513495	84513495	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs6638	84513545	A	ADD	7053	0.92	0.039	0.8523	0.9931	-2.138	0.03252
16	84513863	84513863	C	ADD	2111	1.045	0.07253	0.9064	1.205	0.6056	0.5448
16	rs11646027	84513898	C	ADD	7380	1.211	0.07254	1.05	1.396	2.638	0.00833
16	rs28368120	84514144	T	ADD	7398	1.046	0.1281	0.8139	1.345	0.3526	0.7244
16	84514396	84514396	C	ADD	7008	1.453	0.2041	0.9739	2.168	1.83	0.06719
16	rs7204286	84514422	T	ADD	7266	1.2	0.07233	1.042	1.383	2.523	0.01163
16	rs1021479	84514915	C	ADD	7394	1.066	0.1255	0.8338	1.364	0.5119	0.6087
16	84514923	84514923	O	ADD	7404	NA	NA	NA	NA	NA	NA
16	rs305073	84515294	T	ADD	7301	1.157	0.0414	1.067	1.255	3.519	0.0004336
16	rs305074	84515321	C	ADD	7305	1.16	0.0412	1.07	1.257	3.599	0.0003191
16	rs9932835	84515425	G	ADD	7378	1.217	0.07235	1.056	1.403	2.718	0.006576
16	rs11117416	84515825	G	ADD	7411	1.21	0.07163	1.052	1.393	2.664	0.007733
16	84516049	84516049	O	ADD	7304	NA	NA	NA	NA	NA	NA
16	84516201	84516201	T	ADD	7412	2.02E-09	2.44E+04	0	inf	-0.0008212	0.9993
16	rs16940023	84516215	T	ADD	7397	1.034	0.1241	0.8106	1.318	0.2671	0.7894
16	rs8052521	84516230	A	ADD	7401	1.163	0.06359	1.027	1.317	2.373	0.01762
16	rs1021480	84516471	G	ADD	7322	1.2	0.06418	1.058	1.36	2.836	0.004575

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs1021481	84516521	A	ADD	7399	1.175	0.06359	1.037	1.331	2.537	0.01117
16	rs880364	84516666	G	ADD	7406	1.183	0.06332	1.045	1.339	2.65	0.008041
16	rs880365	84516863	T	ADD	7409	1.165	0.06311	1.03	1.319	2.426	0.01527
16	rs880366	84516939	C	ADD	7408	1.172	0.06301	1.036	1.326	2.518	0.0118
16	84517038	84517038	O	ADD	7391	NA	NA	NA	NA	NA	NA
16	84517061	84517061	O	ADD	7385	NA	NA	NA	NA	NA	NA
16	84517099	84517099	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs305075	84517136	T	ADD	7399	0.9255	0.03789	0.8593	0.9969	-2.043	0.04104
16	84517710	84517710	O	ADD	7409	NA	NA	NA	NA	NA	NA
16	rs11644411	84517732	C	ADD	7335	1.223	0.07151	1.063	1.407	2.814	0.004896
16	rs11648480	84517780	T	ADD	7350	1.234	0.07172	1.073	1.421	2.937	0.003311
16	84517870	84517870	A	ADD	7205	1.195	0.1323	0.9219	1.548	1.345	0.1785
16	84517901	84517901	C	ADD	7398	0.4459	0.5672	0.1467	1.355	-1.424	0.1545
16	rs1472235	84518468	A	ADD	7256	1.07	0.04512	0.9794	1.169	1.499	0.1339
16	84518535	84518535	T	ADD	6956	0.7408	0.5095	0.2729	2.011	-0.5888	0.556
16	rs1038953	84518591	A	ADD	6866	1.353	0.2557	0.8195	2.233	1.182	0.2374
16	84518682	84518682	A	ADD	7337	1.501	0.5041	0.559	4.032	0.8061	0.4202
16	84518866	84518866	C	ADD	7329	1.415	0.9588	0.216	9.263	0.3618	0.7175
16	rs4843862	84518960	G	ADD	5568	0.916	0.04126	0.8448	0.9931	-2.127	0.03344
16	rs17444745	84519063	A	ADD	7408	0.9618	0.04645	0.8781	1.053	-0.8394	0.4012
16	84519295	84519295	T	ADD	7411	8.25	1.108	0.9408	72.35	1.905	0.0568
16	84519403	84519403	G	ADD	7337	1.099	0.3267	0.5795	2.085	0.2898	0.772
16	84519498	84519498	G	ADD	7403	0.394	0.8916	0.06864	2.262	-1.045	0.2962
16	84519800	84519800	C	ADD	7392	2.138	0.8594	0.3968	11.52	0.8843	0.3765
16	rs305076	84519862	C	ADD	7389	6.406	1.15	0.6725	61.01	1.615	0.1063
16	84520081	84520081	O	ADD	7401	NA	NA	NA	NA	NA	NA
16	84520237	84520237	C	ADD	7400	1.756	1.157	0.182	16.94	0.4867	0.6265
16	84520351	84520351	C	ADD	6618	1.087	0.09599	0.9006	1.312	0.8692	0.3848
16	84520516	84520516	A	ADD	6603	1.087	0.09503	0.9019	1.309	0.8738	0.3822
16	84520518	84520518	O	ADD	7406	NA	NA	NA	NA	NA	NA
16	84520604	84520604	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84521376	84521376	T	ADD	7075	1.786	0.2909	1.01	3.16	1.994	0.04614
16	84521433	84521433	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84521580	84521580	G	ADD	7383	5.032	0.7995	1.05	24.12	2.021	0.04328
16	84521632	84521632	T	ADD	7314	0.6577	1.223	0.05988	7.224	-0.3427	0.7318
16	84521737	84521737	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs12598785	84521809	G	ADD	7355	0.9831	0.05137	0.8889	1.087	-0.332	0.7399
16	rs60218704	84521854	C	ADD	7389	8.279	1.108	0.9435	72.65	1.908	0.05646
16	rs8045988	84521891	A	ADD	7409	1.203	0.06516	1.058	1.366	2.832	0.004628
16	rs366078	84522064	C	ADD	7389	0.8155	0.05168	0.7369	0.9024	-3.947	7.90E-05
16	rs2172625	84522286	C	ADD	7255	0.8019	0.05284	0.723	0.8893	-4.179	2.92E-05
16	rs2970094	84522327	A	ADD	6873	0.8154	0.05274	0.7353	0.9042	-3.87	0.000109
16	84522420	84522420	A	ADD	7345	0.7122	1.422	0.04388	11.56	-0.2387	0.8114
16	84522462	84522462	O	ADD	7402	NA	NA	NA	NA	NA	NA
16	rs399280	84522499	G	ADD	7260	0.8436	0.05244	0.7612	0.9349	-3.244	0.001179
16	rs383425	84522540	T	ADD	7392	1.062	0.03653	0.9886	1.141	1.646	0.09983
16	84522577	84522577	C	ADD	7381	0.831	0.05252	0.7497	0.9211	-3.525	0.0004237
16	84522585	84522585	C	ADD	7148	1.547	0.3663	0.7546	3.172	1.191	0.2335
16	rs56200928	84522852	C	ADD	7096	1.615	0.1869	1.12	2.329	2.564	0.01035
16	84522867	84522867	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84522980	84522980	A	ADD	7399	1.6	1.557	0.07569	33.81	0.3019	0.7627
16	rs523642	84523096	A	ADD	7369	0.8328	0.05256	0.7512	0.9231	-3.482	0.0004986

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs524432	84523155	C	ADD	7410	0.8352	0.05212	0.7541	0.925	-3.455	0.0005506
16	84523165	84523165	A	ADD	7403	0.5744	0.2839	0.3293	1.002	-1.953	0.05082
16	84523216	84523216	T	ADD	7398	5.37E+09	2.44E+04	0	inf	0.000919	0.9993
16	rs388988	84523302	T	ADD	7349	0.8268	0.05226	0.7463	0.916	-3.639	0.0002735
16	84523320	84523320	O	ADD	7406	NA	NA	NA	NA	NA	NA
16	rs73266819	84523372	C	ADD	7402	0.9477	0.7953	0.1994	4.504	-0.06759	0.9461
16	84523433	84523433	C	ADD	7144	0.8029	0.05505	0.7208	0.8944	-3.988	6.67E-05
16	rs411221	84523460	C	ADD	7235	0.8237	0.05285	0.7426	0.9135	-3.671	0.0002415
16	84523472	84523472	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84523510	84523510	O	ADD	7404	NA	NA	NA	NA	NA	NA
16	rs878453	84523664	C	ADD	7139	1.05	0.03746	0.9761	1.13	1.313	0.1892
16	rs878454	84523673	A	ADD	7376	1.094	0.04347	1.005	1.192	2.074	0.03808
16	rs903201	84523785	C	ADD	7319	0.9712	0.05247	0.8763	1.076	-0.5567	0.5777
16	rs11861479	84523794	G	ADD	7321	0.9707	0.05247	0.8758	1.076	-0.5665	0.571
16	rs11117417	84523830	T	ADD	7322	0.9743	0.05249	0.8791	1.08	-0.4955	0.6203
16	rs58980382	84523934	T	ADD	7128	0.7768	0.05584	0.6963	0.8667	-4.522	6.11E-06
16	rs11860480	84523959	C	ADD	7396	0.8727	0.03909	0.8083	0.9422	-3.484	0.0004937
16	rs11860517	84524000	G	ADD	7391	0.9821	0.05199	0.887	1.087	-0.347	0.7286
16	rs11117418	84524028	G	ADD	7389	0.9575	0.0492	0.8695	1.054	-0.8824	0.3776
16	rs12051539	84524038	G	ADD	7287	1.205	0.1513	0.8958	1.621	1.232	0.2178
16	84524043	84524043	A	ADD	7198	1.059	0.1237	0.831	1.35	0.4642	0.6425
16	84524049	84524049	G	ADD	7251	0.7827	0.05387	0.7043	0.8698	-4.549	5.40E-06
16	84524139	84524139	O	ADD	7400	NA	NA	NA	NA	NA	NA
16	rs13332649	84524184	G	ADD	7149	0.7962	0.04767	0.7252	0.8741	-4.782	1.74E-06
16	rs875529	84524187	C	ADD	7375	0.9772	0.05206	0.8825	1.082	-0.4422	0.6584
16	rs875528	84524211	A	ADD	7287	1.286	0.1486	0.9611	1.721	1.693	0.0904
16	84524220	84524220	T	ADD	7286	0.8999	0.1874	0.6233	1.299	-0.5628	0.5736
16	rs875527	84524231	A	ADD	7409	1.308	0.1492	0.9766	1.752	1.801	0.07164
16	rs419030	84524302	A	ADD	7261	1.168	0.03861	1.083	1.26	4.019	5.84E-05
16	84524389	84524389	O	ADD	7412	NA	NA	NA	NA	NA	NA
16	84524454	84524454	C	ADD	7087	0.5878	0.8188	0.1181	2.925	-0.649	0.5164
16	84524516	84524516	C	ADD	7403	1.495	0.6118	0.4508	4.96	0.6575	0.5108
16	rs12596341	84524541	A	ADD	7383	0.9323	0.05621	0.835	1.041	-1.247	0.2123
16	rs7198271	84524586	G	ADD	7369	0.9418	0.5353	0.3299	2.689	-0.112	0.9109
16	84524664	84524664	C	ADD	6888	1.133	0.03686	1.054	1.218	3.38	0.0007236
16	84524665	84524665	C	ADD	7228	1.132	0.03575	1.055	1.214	3.464	0.0005328
16	84524666	84524666	C	ADD	7228	1.132	0.03575	1.055	1.214	3.464	0.0005328
16	84524668	84524668	C	ADD	7194	1.135	0.03583	1.058	1.217	3.523	0.0004262
16	84524687	84524687	C	ADD	4226	0.8132	0.1398	0.6183	1.07	-1.478	0.1393
16	84524706	84524706	C	ADD	3255	0.8982	0.09013	0.7528	1.072	-1.191	0.2338
16	84524707	84524707	C	ADD	2841	0.8819	0.1188	0.6987	1.113	-1.058	0.2901
16	84524722	84524722	C	ADD	6066	0.9115	0.2169	0.5958	1.394	-0.4272	0.6692
16	84524723	84524723	C	ADD	6037	0.9124	0.2168	0.5965	1.396	-0.4228	0.6724
16	84524750	84524750	T	ADD	7137	0.7399	0.1251	0.579	0.9454	-2.409	0.01601
16	rs12444221	84524786	T	ADD	7375	0.8069	0.04618	0.7371	0.8833	-4.647	3.37E-06
16	84524997	84524997	O	ADD	7353	NA	NA	NA	NA	NA	NA
16	rs437291	84525009	C	ADD	7338	1.148	0.03537	1.071	1.23	3.899	9.65E-05
16	84525054	84525054	O	ADD	7410	NA	NA	NA	NA	NA	NA
16	84525087	84525087	T	ADD	7087	1.676	0.3486	0.8465	3.319	1.482	0.1383
16	rs9936079	84525095	A	ADD	7039	0.7975	0.04694	0.7274	0.8744	-4.82	1.43E-06
16	rs385344	84525105	G	ADD	7363	1.187	0.03845	1.101	1.28	4.454	8.45E-06
16	rs447632	84525141	G	ADD	7392	1.135	0.03553	1.059	1.217	3.574	0.0003513

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs34337659	84525158	C	ADD	7388	1.185	0.03835	1.099	1.277	4.421	9.83E-06
16	rs66509440	84525182	T	ADD	6947	1.209	0.04087	1.116	1.31	4.651	3.30E-06
16	rs66804793	84525190	A	ADD	6948	1.21	0.04087	1.117	1.311	4.658	3.19E-06
16	rs9925859	84525223	C	ADD	7365	0.9807	0.03664	0.9128	1.054	-0.5307	0.5957
16	rs74032085	84525245	C	ADD	6799	1.227	0.04167	1.131	1.331	4.909	9.17E-07
16	rs16940044	84525266	G	ADD	6779	1.228	0.04186	1.132	1.333	4.915	8.87E-07
16	84525360	84525360	G	ADD	7260	4.64E-10	2.44E+04	0	inf	-0.0008816	0.9993
16	rs2934497	84525379	T	ADD	6755	1.25	0.04226	1.15	1.358	5.273	1.34E-07
16	rs2970091	84525387	A	ADD	6841	1.243	0.04174	1.146	1.349	5.219	1.80E-07
16	rs2970090	84525392	A	ADD	6824	1.18	0.03736	1.097	1.27	4.431	9.36E-06
16	rs56239618	84525421	G	ADD	6813	1.16	0.04869	1.054	1.276	3.048	0.002306
16	rs57439018	84525761	C	ADD	7392	0.9453	0.7954	0.1989	4.494	-0.0707	0.9436
16	84525770	84525770	A	ADD	7407	1.33E+09	1.41E+04	0	inf	0.001495	0.9988
16	rs2934498	84525783	G	ADD	7401	1.192	0.03839	1.105	1.285	4.571	4.85E-06
16	rs447919	84526058	T	ADD	7374	0.9816	0.03668	0.9135	1.055	-0.5059	0.6129
16	84526080	84526080	O	ADD	7408	NA	NA	NA	NA	NA	NA
16	84526134	84526134	O	ADD	7401	NA	NA	NA	NA	NA	NA
16	rs439885	84526175	A	ADD	7406	1.185	0.03837	1.099	1.278	4.432	9.35E-06
16	rs10400953	84526344	T	ADD	7382	0.9841	0.05218	0.8884	1.09	-0.3073	0.7586
16	84526382	84526382	T	ADD	7401	7.89E-10	1.59E+04	0	inf	-0.001315	0.999
16	rs450443	84526392	G	ADD	7370	1.19	0.03843	1.104	1.283	4.531	5.88E-06
16	rs396987	84526435	G	ADD	7368	1.191	0.03844	1.105	1.284	4.549	5.39E-06
16	rs385989	84526509	G	ADD	7313	1.14	0.03533	1.063	1.221	3.697	0.0002184
16	84526528	84526528	A	ADD	7339	0.9232	0.2816	0.5316	1.603	-0.2839	0.7765
16	rs4843865	84526806	T	ADD	7390	0.8136	0.04604	0.7434	0.8904	-4.48	7.45E-06
16	84527141	84527141	C	ADD	7395	0.8139	0.04601	0.7437	0.8907	-4.476	7.60E-06
16	rs8052690	84527239	G	ADD	7407	0.8175	0.04598	0.747	0.8945	-4.384	1.17E-05
16	rs7185692	84527553	G	ADD	7372	0.9799	0.05228	0.8845	1.086	-0.3881	0.6979
16	84527600	84527600	C	ADD	3054	1.141	0.07062	0.9931	1.31	1.862	0.0626
16	84527601	84527601	A	ADD	5811	0.9221	0.04127	0.8504	0.9998	-1.965	0.04938
16	84527603	84527603	C	ADD	4202	1.032	0.05015	0.935	1.138	0.6206	0.5349
16	84527612	84527612	C	ADD	7090	2.01	0.3877	0.94	4.296	1.8	0.0718
16	84527613	84527613	T	ADD	6761	1.518	0.3362	0.7854	2.934	1.242	0.2144
16	84527727	84527727	O	ADD	7286	NA	NA	NA	NA	NA	NA
16	84527829	84527829	C	ADD	7295	1.197	0.5205	0.4316	3.32	0.3454	0.7298
16	rs8059144	84527977	C	ADD	7353	0.8603	0.03789	0.7988	0.9267	-3.97	7.19E-05
16	rs8045825	84527979	G	ADD	7358	0.8611	0.03787	0.7995	0.9275	-3.948	7.90E-05
16	84528014	84528014	G	ADD	7405	3.89E-10	2.44E+04	0	inf	-0.0008888	0.9993
16	84528020	84528020	T	ADD	7369	0.5233	0.5737	0.17	1.611	-1.129	0.2591
16	rs4843866	84528151	T	ADD	7361	0.8607	0.03786	0.7992	0.927	-3.963	7.41E-05
16	rs4843867	84528219	G	ADD	7363	0.8607	0.03785	0.7992	0.927	-3.963	7.42E-05
16	84528233	84528233	A	ADD	7406	0.1474	1.093	0.01729	1.256	-1.752	0.07981
16	rs186249	84528397	C	ADD	7222	1.186	0.03914	1.099	1.281	4.364	1.28E-05
16	84528620	84528620	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84528669	84528669	O	ADD	7392	NA	NA	NA	NA	NA	NA
16	rs12149636	84528721	G	ADD	7383	0.8561	0.03789	0.7948	0.9221	-4.1	4.13E-05
16	84528857	84528857	C	ADD	7176	0.8577	0.03948	0.7938	0.9267	-3.889	0.0001007
16	84528860	84528860	T	ADD	6360	0.7765	0.06064	0.6895	0.8745	-4.171	3.04E-05
16	rs12149642	84528922	T	ADD	7092	0.8437	0.03985	0.7803	0.9122	-4.265	2.00E-05
16	84529014	84529014	G	ADD	7010	0.8062	0.138	0.6152	1.057	-1.561	0.1184
16	84529016	84529016	C	ADD	3196	0.8462	0.0803	0.7229	0.9904	-2.08	0.03748
16	84529025	84529025	C	ADD	5464	0.9374	0.07968	0.8018	1.096	-0.8117	0.417

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84529026	84529026	C	ADD	5926	0.8484	0.06182	0.7516	0.9577	-2.659	0.007844
16	84529027	84529027	C	ADD	6516	0.8412	0.04561	0.7693	0.9199	-3.79	0.0001505
16	84529028	84529028	C	ADD	6384	0.8543	0.04359	0.7844	0.9305	-3.612	0.0003035
16	84529029	84529029	C	ADD	6688	0.8389	0.04083	0.7744	0.9088	-4.302	1.69E-05
16	84529030	84529030	C	ADD	6688	0.8389	0.04083	0.7744	0.9088	-4.302	1.69E-05
16	84529031	84529031	C	ADD	6386	0.8279	0.0412	0.7636	0.8975	-4.585	4.55E-06
16	rs12149223	84529032	C	ADD	5796	0.9384	0.1235	0.7367	1.195	-0.5147	0.6068
16	84529037	84529037	C	ADD	6978	0.843	0.2248	0.5427	1.31	-0.7598	0.4473
16	84529038	84529038	C	ADD	7041	1.316	0.3554	0.6557	2.641	0.7727	0.4397
16	84529220	84529220	T	ADD	7096	1.027	0.1458	0.7713	1.366	0.1795	0.8576
16	84529277	84529277	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs305067	84529341	C	ADD	6767	0.9831	0.03883	0.9111	1.061	-0.4381	0.6613
16	rs11117419	84529383	G	ADD	7375	0.8485	0.0393	0.7856	0.9164	-4.181	2.90E-05
16	rs11117420	84529423	C	ADD	7151	0.824	0.04862	0.7491	0.9064	-3.981	6.87E-05
16	rs11117421	84529461	A	ADD	7374	0.848	0.0393	0.7852	0.9159	-4.195	2.73E-05
16	rs11117422	84529514	C	ADD	7295	0.7957	0.04655	0.7263	0.8717	-4.909	9.16E-07
16	84529575	84529575	O	ADD	7338	NA	NA	NA	NA	NA	NA
16	rs11117423	84529682	C	ADD	7340	0.8479	0.03948	0.7847	0.9161	-4.18	2.92E-05
16	rs11117424	84529738	G	ADD	7396	0.8491	0.03925	0.7862	0.917	-4.168	3.08E-05
16	rs11117425	84529772	T	ADD	7398	0.8511	0.03935	0.7879	0.9193	-4.097	4.18E-05
16	rs11648012	84529908	T	ADD	7391	0.8499	0.03925	0.7869	0.9178	-4.145	3.40E-05
16	84530040	84530040	T	ADD	7398	0.8109	1.416	0.05052	13.02	-0.148	0.8823
16	rs11643999	84530070	A	ADD	7399	0.8481	0.03926	0.7853	0.9159	-4.198	2.70E-05
16	rs11648084	84530099	T	ADD	7408	0.85	0.03928	0.787	0.918	-4.137	3.51E-05
16	rs11644034	84530113	A	ADD	7357	0.8039	0.04641	0.734	0.8805	-4.703	2.56E-06
16	rs16940083	84530130	T	ADD	7404	0.7397	0.766	0.1648	3.32	-0.3937	0.6938
16	84530187	84530187	O	ADD	7252	NA	NA	NA	NA	NA	NA
16	rs305066	84530277	T	ADD	7320	1.184	0.03777	1.099	1.275	4.467	7.93E-06
16	rs12600127	84530280	G	ADD	7353	0.8469	0.03937	0.784	0.9148	-4.222	2.43E-05
16	rs13335265	84530311	C	ADD	6998	0.7895	0.04777	0.719	0.867	-4.947	7.53E-07
16	84530325	84530325	O	ADD	7353	NA	NA	NA	NA	NA	NA
16	84530431	84530431	G	ADD	7403	7.90E-10	1.59E+04	0	inf	-0.001315	0.999
16	rs62051023	84530439	T	ADD	7372	1.292	0.1661	0.9331	1.789	1.543	0.1229
16	84530468	84530468	T	ADD	7373	0.5107	1.312	0.039	6.687	-0.5121	0.6086
16	rs8062669	84530493	T	ADD	7399	1.014	0.08777	0.8536	1.204	0.157	0.8752
16	rs12711490	84530529	C	ADD	7403	0.8035	0.0462	0.734	0.8797	-4.734	2.20E-06
16	84530554	84530554	C	ADD	7405	1.625	0.743	0.3788	6.972	0.6534	0.5135
16	rs12598434	84530560	T	ADD	7358	0.8557	0.03937	0.7921	0.9243	-3.959	7.53E-05
16	rs11641153	84530641	G	ADD	7365	0.7928	0.04653	0.7237	0.8685	-4.991	6.02E-07
16	rs11641155	84530653	G	ADD	7364	0.7923	0.04654	0.7232	0.868	-5.003	5.64E-07
16	rs7205434	84530696	G	ADD	7364	0.7923	0.04654	0.7232	0.868	-5.003	5.64E-07
16	rs8050476	84530705	G	ADD	7411	0.9839	0.08586	0.8315	1.164	-0.1886	0.8504
16	rs4843868	84530902	T	ADD	7352	0.7906	0.04659	0.7216	0.8662	-5.044	4.55E-07
16	84530967	84530967	T	ADD	7387	0.9608	0.1071	0.7789	1.185	-0.3739	0.7085
16	rs1879213	84530977	T	ADD	7373	0.9771	0.05815	0.8719	1.095	-0.398	0.6906
16	rs56250418	84530999	T	ADD	7126	1.136	0.04499	1.04	1.241	2.84	0.004509
16	rs305065	84531367	G	ADD	7349	0.9855	0.03652	0.9174	1.059	-0.4	0.6891
16	84531390	84531390	C	ADD	7314	0.9596	0.2721	0.5629	1.636	-0.1517	0.8794
16	rs305064	84531643	T	ADD	7347	0.991	0.03667	0.9223	1.065	-0.2456	0.806
16	rs9927123	84531682	G	ADD	7372	0.8574	0.03766	0.7964	0.923	-4.087	4.37E-05
16	rs16940087	84531752	T	ADD	7404	0.7397	0.766	0.1648	3.32	-0.3937	0.6938
16	rs16940088	84531870	T	ADD	7364	0.9797	0.05824	0.874	1.098	-0.3514	0.7253

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs13330932	84532008	T	ADD	7319	0.8243	0.04003	0.7621	0.8916	-4.827	1.38E-06
16	84532040	84532040	T	ADD	7374	0.5105	1.312	0.03899	6.684	-0.5124	0.6084
16	rs305063	84532158	T	ADD	7070	1.169	0.03838	1.084	1.261	4.074	4.63E-05
16	84532198	84532198	O	ADD	7397	NA	NA	NA	NA	NA	NA
16	rs56834409	84532277	G	ADD	7365	0.9805	0.05825	0.8747	1.099	-0.3384	0.7351
16	84532342	84532342	C	ADD	4992	0.9711	0.08294	0.8254	1.143	-0.3531	0.724
16	rs4843322	84532386	G	ADD	7368	0.8422	0.03931	0.7797	0.9096	-4.371	1.24E-05
16	rs4843323	84532462	T	ADD	7342	0.7892	0.0467	0.7201	0.8648	-5.07	3.98E-07
16	rs12596291	84532538	C	ADD	7361	0.9787	0.05829	0.873	1.097	-0.3692	0.712
16	rs12596295	84532576	A	ADD	7360	0.9252	0.06287	0.8179	1.046	-1.237	0.216
16	rs4843869	84532642	A	ADD	7353	0.7889	0.04663	0.72	0.8644	-5.086	3.66E-07
16	84532733	84532733	O	ADD	7252	NA	NA	NA	NA	NA	NA
16	84532800	84532800	G	ADD	7130	1.23	0.4525	0.5068	2.987	0.4581	0.6469
16	84532862	84532862	O	ADD	7116	NA	NA	NA	NA	NA	NA
16	rs305062	84533003	G	ADD	7408	1.259	0.1751	0.8931	1.774	1.314	0.1888
16	rs305061	84533160	C	ADD	7388	0.9887	0.03685	0.9198	1.063	-0.3084	0.7578
16	84533416	84533416	C	ADD	4305	1.186	0.07073	1.032	1.362	2.407	0.01608
16	rs305060	84533417	C	ADD	7365	1.146	0.03472	1.071	1.227	3.936	8.30E-05
16	rs16940099	84533441	C	ADD	7378	0.9827	0.08898	0.8254	1.17	-0.1965	0.8443
16	rs16940100	84533460	T	ADD	7393	0.9941	0.08782	0.8369	1.181	-0.06693	0.9466
16	84533481	84533481	O	ADD	7411	NA	NA	NA	NA	NA	NA
16	rs305059	84533519	A	ADD	7177	1.142	0.03516	1.066	1.223	3.769	0.0001637
16	84533526	84533526	O	ADD	7406	NA	NA	NA	NA	NA	NA
16	84533672	84533672	T	ADD	7393	0.9941	0.08782	0.8369	1.181	-0.06693	0.9466
16	84533804	84533804	C	ADD	7392	0.9941	0.08782	0.8369	1.181	-0.06761	0.9461
16	84533839	84533839	O	ADD	7268	NA	NA	NA	NA	NA	NA
16	84533939	84533939	C	ADD	7241	0.9972	0.08815	0.839	1.185	-0.03165	0.9748
16	84534522	84534522	G	ADD	7325	1.121	0.2243	0.7223	1.74	0.5095	0.6104
16	84534632	84534632	C	ADD	7408	1.068	0.7995	0.2229	5.118	0.08234	0.9344
16	84534741	84534741	T	ADD	7282	1.196	0.5204	0.4312	3.316	0.3436	0.7312
16	rs7202472	84535003	T	ADD	7364	0.7899	0.04793	0.7191	0.8677	-4.921	8.63E-07
16	84535111	84535111	T	ADD	7273	0.9295	0.203	0.6244	1.384	-0.3602	0.7187
16	84535271	84535271	A	ADD	7379	0.3124	0.8398	0.06024	1.62	-1.385	0.166
16	84535272	84535272	A	ADD	7396	0.1918	1.124	0.0212	1.735	-1.47	0.1416
16	rs305097	84535412	A	ADD	7309	1.189	0.03834	1.103	1.282	4.525	6.05E-06
16	rs62051024	84535456	C	ADD	7112	1.135	0.04495	1.04	1.24	2.825	0.004728
16	rs305095	84535500	T	ADD	7379	1.19	0.03823	1.104	1.283	4.553	5.28E-06
16	rs305094	84535606	C	ADD	7354	0.9915	0.03695	0.9223	1.066	-0.2303	0.8178
16	rs72807020	84535618	G	ADD	7348	0.9289	0.05654	0.8314	1.038	-1.305	0.1917
16	rs16940101	84535626	G	ADD	7410	0.9816	0.08621	0.829	1.162	-0.2157	0.8292
16	rs16940103	84535710	T	ADD	7347	0.9209	0.0566	0.8242	1.029	-1.457	0.1452
16	rs16940104	84535711	T	ADD	7392	0.9762	0.08776	0.822	1.159	-0.2741	0.784
16	rs7186094	84535988	T	ADD	7401	0.9842	0.05203	0.8887	1.09	-0.307	0.7589
16	rs7190319	84536046	G	ADD	7408	0.9881	0.05205	0.8923	1.094	-0.2295	0.8185
16	rs305093	84536086	T	ADD	7376	0.9904	0.03694	0.9213	1.065	-0.2599	0.795
16	84536244	84536244	O	ADD	7403	NA	NA	NA	NA	NA	NA
16	rs11639990	84536305	G	ADD	7409	0.9888	0.05198	0.8931	1.095	-0.2158	0.8291
16	84536585	84536585	O	ADD	7319	NA	NA	NA	NA	NA	NA
16	84536608	84536608	C	ADD	7378	2.776	0.5044	1.033	7.462	2.024	0.04295
16	rs305092	84536618	A	ADD	7349	0.9905	0.03652	0.922	1.064	-0.2627	0.7928
16	rs305091	84536744	A	ADD	7369	0.9852	0.03627	0.9176	1.058	-0.4117	0.6806
16	84536846	84536846	C	ADD	3172	1.016	0.06614	0.8927	1.157	0.2435	0.8076

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs305090	84536847	T	ADD	7357	0.9917	0.03636	0.9234	1.065	-0.2305	0.8177
16	84536862	84536862	A	ADD	7407	2.151	0.5622	0.7146	6.473	1.362	0.1731
16	84537033	84537033	T	ADD	7349	5.28E-10	2.44E+04	0	inf	-0.0008762	0.9993
16	84537070	84537070	T	ADD	7381	0.341	0.8484	0.06464	1.798	-1.268	0.2047
16	84537135	84537135	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84537212	84537212	A	ADD	7399	7.89E-10	1.59E+04	0	inf	-0.001315	0.999
16	84537309	84537309	O	ADD	7402	NA	NA	NA	NA	NA	NA
16	rs11641591	84537652	T	ADD	7356	1.298	0.1788	0.9139	1.842	1.456	0.1453
16	rs62051025	84537707	T	ADD	6966	1.146	0.04352	1.052	1.248	3.129	0.001752
16	rs965773	84537847	A	ADD	7355	1.025	0.03579	0.9556	1.1	0.6911	0.4895
16	rs16940113	84537948	T	ADD	7405	1.133	0.8681	0.2066	6.209	0.1435	0.8859
16	84538025	84538025	G	ADD	7370	1.036	0.09396	0.8621	1.246	0.3803	0.7037
16	rs731708	84538035	A	ADD	7317	0.79	0.04788	0.7192	0.8677	-4.924	8.50E-07
16	84538040	84538040	T	ADD	7107	0.6532	0.2575	0.3944	1.082	-1.654	0.09811
16	rs731709	84538088	C	ADD	7377	1.177	0.03809	1.092	1.268	4.275	1.91E-05
16	84538106	84538106	T	ADD	7092	1.106	0.2496	0.6779	1.804	0.4026	0.6872
16	84538380	84538380	O	ADD	7386	NA	NA	NA	NA	NA	NA
16	rs731707	84538469	C	ADD	7358	1.025	0.03572	0.9559	1.1	0.6982	0.4851
16	84538530	84538530	A	ADD	7379	0.8875	1.063	0.1105	7.127	-0.1123	0.9106
16	rs305089	84538531	T	ADD	7384	0.9858	0.03705	0.9168	1.06	-0.3862	0.6993
16	84538676	84538676	O	ADD	7380	NA	NA	NA	NA	NA	NA
16	84538740	84538740	T	ADD	7299	0.5705	1.015	0.07812	4.167	-0.5531	0.5802
16	84538942	84538942	G	ADD	7101	1.07	0.2015	0.7207	1.588	0.3346	0.738
16	84538944	84538944	T	ADD	7393	3.81E-10	1.72E+04	0	inf	-0.001258	0.999
16	rs11643168	84538983	T	ADD	7352	1.055	0.06862	0.9223	1.207	0.7817	0.4344
16	rs305088	84539102	T	ADD	7339	0.9932	0.03751	0.9228	1.069	-0.181	0.8564
16	84539195	84539195	C	ADD	7411	1.55E+09	2.44E+04	0	inf	0.000868	0.9993
16	84539211	84539211	C	ADD	7395	1.336	1.225	0.121	14.75	0.2365	0.813
16	84539306	84539306	A	ADD	6374	1.11	0.08826	0.9333	1.319	1.177	0.239
16	rs305087	84539747	C	ADD	6996	0.8855	0.05456	0.7957	0.9855	-2.228	0.02586
16	rs7198504	84539802	C	ADD	6859	0.9202	0.04176	0.8479	0.9987	-1.992	0.04641
16	rs9935237	84540017	G	ADD	6266	0.7227	0.3446	0.3678	1.42	-0.9427	0.3458
16	rs305086	84540022	A	ADD	7407	1.051	0.04803	0.9562	1.154	1.027	0.3042
16	rs8053060	84540490	A	ADD	5077	1.095	0.05007	0.9926	1.208	1.812	0.06994
16	84540536	84540536	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84540547	84540547	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs6540234	84540557	T	ADD	7357	0.9903	0.03779	0.9196	1.066	-0.2593	0.7954
16	rs8049187	84540779	T	ADD	5095	1.11	0.04157	1.023	1.204	2.501	0.01238
16	rs8062690	84540827	G	ADD	5029	0.8677	0.05113	0.7849	0.9591	-2.776	0.005508
16	rs8053604	84540842	T	ADD	4320	1.101	0.04514	1.008	1.203	2.131	0.03311
16	84541049	84541049	G	ADD	7400	3.88E-10	2.44E+04	0	inf	-0.0008889	0.9993
16	84541077	84541077	O	ADD	7084	NA	NA	NA	NA	NA	NA
16	84541142	84541142	G	ADD	7410	3.89E-10	2.44E+04	0	inf	-0.0008888	0.9993
16	84541177	84541177	C	ADD	4198	0.8964	0.04622	0.8188	0.9814	-2.366	0.01798
16	84541179	84541179	T	ADD	4197	0.8975	0.04623	0.8198	0.9827	-2.338	0.01939
16	84541180	84541180	C	ADD	4197	0.8975	0.04623	0.8198	0.9827	-2.338	0.01939
16	rs2361768	84541181	G	ADD	4197	0.8975	0.04623	0.8198	0.9827	-2.338	0.01939
16	84541385	84541385	A	ADD	7401	3.89E-10	2.44E+04	0	inf	-0.0008889	0.9993
16	84541450	84541450	G	ADD	7361	0.6885	1.416	0.0429	11.05	-0.2636	0.7921
16	rs55739703	84541492	G	ADD	7345	0.9057	0.1152	0.7227	1.135	-0.8604	0.3895
16	rs870614	84541516	A	ADD	5859	0.9526	0.05517	0.855	1.061	-0.8794	0.3792
16	rs8047292	84541556	T	ADD	7409	0.5919	0.4923	0.2255	1.553	-1.065	0.2868

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs908988	84542101	G	ADD	7382	0.9863	0.03737	0.9166	1.061	-0.3695	0.7117
16	rs8060078	84542153	T	ADD	7391	1.994	0.5883	0.6295	6.316	1.173	0.2408
16	rs908987	84542390	T	ADD	6982	0.9909	0.03832	0.9192	1.068	-0.2382	0.8117
16	rs908986	84542429	G	ADD	7385	1.003	0.03782	0.9311	1.08	0.07212	0.9425
16	rs908985	84542503	T	ADD	7388	1.001	0.03781	0.9291	1.078	0.01588	0.9873
16	84542511	84542511	A	ADD	7387	0.8433	0.6229	0.2487	2.859	-0.2737	0.7844
16	rs908984	84542530	T	ADD	7407	1.003	0.0378	0.931	1.08	0.06846	0.9454
16	rs57670691	84542583	A	ADD	7360	0.8757	0.11	0.7058	1.086	-1.206	0.2277
16	rs57396687	84542701	A	ADD	7365	0.8927	0.1112	0.7179	1.11	-1.02	0.3077
16	rs1915034	84542858	A	ADD	7397	1.012	0.03879	0.9381	1.092	0.3137	0.7537
16	rs4240807	84542862	A	ADD	7382	1.015	0.03881	0.9403	1.095	0.3751	0.7076
16	rs1915033	84542932	A	ADD	7366	1.003	0.03784	0.9312	1.08	0.07556	0.9398
16	84542936	84542936	T	ADD	7409	3.90E-10	2.44E+04	0	inf	-0.0008887	0.9993
16	84542966	84542966	C	ADD	7409	3.90E-10	2.44E+04	0	inf	-0.0008887	0.9993
16	rs4843871	84543036	G	ADD	7361	0.9944	0.03753	0.9238	1.07	-0.1508	0.8801
16	rs4843872	84543172	A	ADD	7392	0.9999	0.03778	0.9285	1.077	-0.003036	0.9976
16	84543226	84543226	A	ADD	7412	6.79E+08	2.44E+04	0	inf	0.0008342	0.9993
16	rs10863201	84543272	C	ADD	7144	0.9934	0.03793	0.9222	1.07	-0.1745	0.8614
16	rs58073431	84543416	C	ADD	7365	0.8798	0.1115	0.7071	1.095	-1.149	0.2507
16	rs59821663	84543420	A	ADD	7365	0.8798	0.1115	0.7071	1.095	-1.149	0.2507
16	84543445	84543445	O	ADD	7406	NA	NA	NA	NA	NA	NA
16	84543446	84543446	O	ADD	7406	NA	NA	NA	NA	NA	NA
16	rs59403904	84543458	T	ADD	7276	0.9929	0.1332	0.7647	1.289	-0.0537	0.9572
16	84543506	84543506	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84543518	84543518	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs58189590	84543560	A	ADD	7358	0.8739	0.1113	0.7026	1.087	-1.211	0.2258
16	rs57426547	84543596	T	ADD	7358	0.8739	0.1113	0.7026	1.087	-1.211	0.2258
16	84543660	84543660	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs73268906	84544188	G	ADD	7360	0.88	0.1115	0.7073	1.095	-1.146	0.2517
16	rs73268908	84544290	A	ADD	7369	0.8853	0.1117	0.7113	1.102	-1.091	0.2754
16	rs73268912	84544401	A	ADD	7364	0.8937	0.1114	0.7184	1.112	-1.009	0.3128
16	84544635	84544635	T	ADD	7367	0.5598	0.6655	0.1519	2.063	-0.8718	0.3833
16	84544641	84544641	O	ADD	7411	NA	NA	NA	NA	NA	NA
16	84544743	84544743	G	ADD	7409	3.90E-10	2.44E+04	0	inf	-0.0008887	0.9993
16	rs59120392	84544797	T	ADD	7372	0.8897	0.1115	0.7151	1.107	-1.048	0.2948
16	rs57278440	84544999	C	ADD	7373	0.8895	0.1115	0.7149	1.107	-1.05	0.2937
16	rs10863202	84545499	A	ADD	7280	1.001	0.03771	0.9297	1.078	0.02651	0.9789
16	rs8060960	84545861	T	ADD	7357	0.9885	0.03795	0.9176	1.065	-0.3058	0.7597
16	rs8048151	84546099	C	ADD	7342	1.007	0.03853	0.934	1.086	0.1865	0.8521
16	84546166	84546166	A	ADD	7370	0.5187	0.895	0.08977	2.997	-0.7334	0.4633
16	84546175	84546175	A	ADD	7409	3.90E-10	2.44E+04	0	inf	-0.0008887	0.9993
16	rs73268923	84546268	T	ADD	7372	0.8983	0.1118	0.7215	1.118	-0.9595	0.3373
16	84546359	84546359	A	ADD	7366	0.8874	0.1114	0.7133	1.104	-1.072	0.2835
16	rs6540235	84546396	T	ADD	7367	1.003	0.03758	0.9314	1.079	0.06791	0.9459
16	84546553	84546553	O	ADD	7386	NA	NA	NA	NA	NA	NA
16	rs7186247	84546570	T	ADD	7353	0.9986	0.03759	0.9277	1.075	-0.03655	0.9708
16	84546654	84546654	G	ADD	7319	0.9577	0.4594	0.3892	2.357	-0.09408	0.925
16	rs7199472	84546685	G	ADD	7402	0.9925	0.0375	0.9222	1.068	-0.1995	0.8419
16	rs11640143	84546965	C	ADD	7383	0.8969	0.07158	0.7795	1.032	-1.52	0.1285
16	84547130	84547130	T	ADD	7341	1.394	1.472	0.07782	24.96	0.2255	0.8216
16	84547216	84547216	T	ADD	7413	1.755	1.157	0.1819	16.93	0.4863	0.6267
16	rs4843873	84547276	A	ADD	7383	1.019	0.03828	0.9456	1.099	0.4973	0.619

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84547352	84547352	A	ADD	7318	1.758	0.3814	0.8327	3.714	1.48	0.1389
16	rs4843874	84547399	C	ADD	7389	1.01	0.03821	0.9369	1.088	0.2526	0.8006
16	rs4843875	84547443	T	ADD	5803	1.079	0.05553	0.9676	1.203	1.367	0.1716
16	84547570	84547570	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	84547601	84547601	C	ADD	7371	0.519	0.895	0.08982	2.999	-0.7327	0.4637
16	rs73268928	84547653	G	ADD	7354	0.9123	0.1137	0.73	1.14	-0.8066	0.4199
16	84547657	84547657	O	ADD	7383	NA	NA	NA	NA	NA	NA
16	rs11117426	84547768	C	ADD	7321	0.8646	0.04634	0.7895	0.9468	-3.139	0.001694
16	84547926	84547926	C	ADD	7411	3.89E-10	2.44E+04	0	inf	-0.0008888	0.9993
16	rs11117427	84548058	A	ADD	7280	0.8679	0.04688	0.7917	0.9515	-3.021	0.002518
16	rs925992	84548081	T	ADD	7178	1.008	0.03898	0.9342	1.088	0.2148	0.8299
16	84548374	84548374	T	ADD	7412	3.89E-10	2.44E+04	0	inf	-0.0008888	0.9993
16	84548382	84548382	C	ADD	7337	0.3554	0.7201	0.08664	1.457	-1.437	0.1508
16	rs8057009	84548424	G	ADD	7400	1.014	0.03997	0.9377	1.097	0.3505	0.726
16	rs6540236	84548591	A	ADD	7305	1.017	0.03866	0.943	1.097	0.4409	0.6593
16	rs12445476	84548770	G	ADD	7409	0.8615	0.04649	0.7864	0.9436	-3.208	0.001337
16	84548866	84548866	G	ADD	7405	9.092	1.095	1.064	77.69	2.017	0.04374
16	84548901	84548901	T	ADD	5843	0.9362	0.1084	0.757	1.158	-0.6088	0.5426
16	rs7185590	84549154	A	ADD	7365	1.402	0.3355	0.7264	2.706	1.007	0.3137
16	rs11642873	84549206	C	ADD	7348	0.864	0.04724	0.7876	0.9478	-3.094	0.001976
16	84549320	84549320	C	ADD	6344	0.6814	0.2339	0.4309	1.078	-1.64	0.101
16	rs6540238	84549328	A	ADD	7266	1.016	0.03865	0.9423	1.096	0.4219	0.6731
16	rs12444486	84550150	C	ADD	7310	0.9203	0.03494	0.8594	0.9855	-2.377	0.01746
16	rs4843876	84550233	T	ADD	7403	1.009	0.03795	0.9366	1.087	0.2348	0.8144
16	rs11117428	84550330	C	ADD	7118	1.041	0.04221	0.9581	1.131	0.9469	0.3437
16	rs2361764	84550459	G	ADD	7276	1.011	0.03821	0.9381	1.09	0.2874	0.7738
16	84550594	84550594	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs2361763	84550635	T	ADD	7325	0.9707	0.03506	0.9063	1.04	-0.8473	0.3968
16	rs2885364	84550691	A	ADD	7305	1.009	0.03813	0.9363	1.087	0.2326	0.816
16	rs4843877	84550733	C	ADD	7288	0.9987	0.03818	0.9267	1.076	-0.0349	0.9722
16	rs35929052	84551985	T	ADD	7101	0.8372	0.05922	0.7454	0.9402	-3.001	0.002689
16	rs908983	84552021	C	ADD	7402	1.022	0.03752	0.9495	1.1	0.5779	0.5633
16	rs883332	84552225	C	ADD	7410	1.129	0.2193	0.7349	1.736	0.5552	0.5788
16	rs34347181	84552262	O	ADD	7411	NA	NA	NA	NA	NA	NA
16	rs2049086	84552380	T	ADD	7130	1.007	0.03836	0.9343	1.086	0.1892	0.8499
16	rs908982	84552384	A	ADD	7149	1.007	0.03821	0.9339	1.085	0.1699	0.8651
16	84552424	84552424	O	ADD	7413	NA	NA	NA	NA	NA	NA
16	rs8044852	84552728	A	ADD	7308	0.9948	0.03738	0.9245	1.07	-0.1406	0.8882
16	rs908981	84552926	T	ADD	7394	1	0.03719	0.9297	1.076	0.0001883	0.9998
16	84552937	84552937	C	ADD	6941	0.8556	0.07813	0.7341	0.9972	-1.996	0.04596
16	rs12446139	84553085	G	ADD	7394	1	0.03719	0.9297	1.076	0.0001883	0.9998
16	84553110	84553110	C	ADD	7334	0.9239	0.1172	0.7343	1.162	-0.6756	0.4993
16	rs12919427	84553160	A	ADD	7394	1	0.03719	0.9297	1.076	0.0001883	0.9998
16	rs12930405	84553163	C	ADD	7394	1	0.03719	0.9297	1.076	0.0001883	0.9998
16	rs11642456	84553581	T	ADD	7393	1	0.0372	0.93	1.076	0.009215	0.9926
16	84553752	84553752	T	ADD	7366	0.6895	1.416	0.04296	11.07	-0.2626	0.7929
16	rs11649461	84553758	C	ADD	7164	0.9958	0.03737	0.9255	1.072	-0.1114	0.9113
16	84553776	84553776	T	ADD	7401	1.16	0.6871	0.3017	4.459	0.216	0.829
16	rs11645398	84553796	G	ADD	7249	1.005	0.03781	0.9336	1.083	0.144	0.8855
16	84554094	84554094	C	ADD	7409	4.37E-10	2.44E+04	0	inf	-0.000884	0.9993
16	rs4843324	84554392	O	ADD	7399	NA	NA	NA	NA	NA	NA
16	rs11643829	84554502	C	ADD	4808	1.016	0.045	0.9305	1.11	0.3591	0.7195

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs35615495	84554505	T	ADD	5326	0.9305	0.06131	0.8252	1.049	-1.174	0.2403
16	rs11640586	84554529	C	ADD	4394	1.142	0.04768	1.04	1.254	2.789	0.005284
16	rs59015387	84554628	A	ADD	7404	3.89E-10	2.44E+04	0	inf	-0.0008888	0.9993
16	84554776	84554776	T	ADD	7345	2.249	0.9249	0.367	13.78	0.8763	0.3809
16	rs12019053	84554782	G	ADD	5180	0.9231	0.06148	0.8183	1.041	-1.302	0.193
16	84554944	84554944	C	ADD	4027	0.9926	0.05059	0.8989	1.096	-0.1464	0.8836
16	84554954	84554954	C	ADD	3611	0.9776	0.0575	0.8734	1.094	-0.3941	0.6935
16	rs11860050	84555097	A	ADD	5245	0.9251	0.06193	0.8194	1.045	-1.256	0.209
16	84555268	84555268	O	ADD	7412	NA	NA	NA	NA	NA	NA
16	rs12446834	84555541	C	ADD	4686	0.9913	0.04476	0.908	1.082	-0.1951	0.8453
16	rs55906426	84555779	C	ADD	6262	1.05	0.0452	0.9612	1.148	1.085	0.2778
16	rs12019051	84555863	G	ADD	4683	0.9919	0.04477	0.9085	1.083	-0.1826	0.8551
16	84555917	84555917	O	ADD	7398	NA	NA	NA	NA	NA	NA
16	84556011	84556011	O	ADD	7403	NA	NA	NA	NA	NA	NA
16	rs16940146	84556487	G	ADD	7405	8.253	1.108	0.9411	72.36	1.905	0.05676
16	84556512	84556512	O	ADD	7412	NA	NA	NA	NA	NA	NA
16	rs34445961	84556804	G	ADD	4040	1.059	0.04977	0.9602	1.167	1.144	0.2525
16	rs34256051	84556806	C	ADD	4065	1.044	0.04936	0.9479	1.15	0.8763	0.3809
16	84556855	84556855	T	ADD	7400	8.41E-10	1.65E+04	0	inf	-0.001269	0.999
16	rs62051883	84556897	A	ADD	7212	1.04	0.3424	0.5316	2.034	0.1143	0.909
16	rs59276136	84556910	A	ADD	4598	0.9906	0.04522	0.9066	1.082	-0.2079	0.8353
16	84557150	84557150	O	ADD	7405	NA	NA	NA	NA	NA	NA
16	rs11863308	84557298	T	ADD	7404	3.89E-10	2.44E+04	0	inf	-0.0008888	0.9993
16	84557332	84557332	C	ADD	7074	0.7307	0.3564	0.3634	1.469	-0.8802	0.3787
16	84557466	84557466	G	ADD	7404	5.05E-10	1.18E+04	0	inf	-0.001813	0.9986
16	rs12598292	84557532	T	ADD	5639	0.9376	0.2311	0.5961	1.475	-0.279	0.7802
16	rs8053185	84557593	G	ADD	4418	0.9915	0.04649	0.9052	1.086	-0.1829	0.8549
16	rs12446659	84557863	T	ADD	4370	0.9826	0.04681	0.8964	1.077	-0.3755	0.7073
16	rs35867147	84557883	A	ADD	5241	0.9179	0.06306	0.8112	1.039	-1.358	0.1746
16	84557898	84557898	O	ADD	7389	NA	NA	NA	NA	NA	NA
16	rs12446684	84557908	T	ADD	4395	0.9886	0.04662	0.9023	1.083	-0.2451	0.8064
16	rs12444385	84557964	A	ADD	4366	0.9818	0.04683	0.8957	1.076	-0.3919	0.6951
16	84558091	84558091	C	ADD	4364	0.9824	0.04683	0.8963	1.077	-0.3782	0.7053
16	rs9924246	84558107	C	ADD	4364	0.9824	0.04683	0.8963	1.077	-0.3782	0.7053
16	84558180	84558180	C	ADD	3191	0.9946	0.05534	0.8923	1.109	-0.09856	0.9215
16	84558188	84558188	C	ADD	3823	1.015	0.0508	0.9187	1.121	0.2906	0.7714
16	rs9926350	84558192	A	ADD	2493	1.13	0.06286	0.9992	1.278	1.947	0.05156
16	rs9934574	84558465	T	ADD	5217	0.9197	0.06318	0.8126	1.041	-1.326	0.185
16	rs9941263	84558545	G	ADD	4368	0.9873	0.04673	0.9009	1.082	-0.2726	0.7852
16	rs9934725	84558585	T	ADD	4367	0.9872	0.04672	0.9008	1.082	-0.2752	0.7831
16	84558619	84558619	T	ADD	7316	0.3559	0.7201	0.08678	1.46	-1.435	0.1514
16	rs9938885	84558713	G	ADD	4351	0.9906	0.04685	0.9037	1.086	-0.2005	0.8411
16	rs11648475	84558762	G	ADD	3602	0.9459	0.05064	0.8565	1.045	-1.098	0.2724
16	rs74032515	84558875	G	ADD	7074	0.7307	0.3564	0.3634	1.469	-0.8802	0.3787
16	rs74032517	84558990	O	ADD	7412	NA	NA	NA	NA	NA	NA
16	rs72807046	84559122	T	ADD	6513	0.8267	0.2137	0.5438	1.257	-0.8901	0.3734
16	84559204	84559204	C	ADD	7393	2.637	1.12	0.2933	23.7	0.8654	0.3868
16	84559353	84559353	A	ADD	7254	3.201	1.239	0.2823	36.3	0.9391	0.3477
16	rs11860004	84559380	A	ADD	3872	0.9311	0.06474	0.8201	1.057	-1.103	0.2702
16	rs34912238	84559404	T	ADD	6923	0.8363	0.0477	0.7617	0.9183	-3.747	0.0001793
16	rs35655122	84559618	T	ADD	5263	0.927	0.06294	0.8194	1.049	-1.204	0.2285
16	rs11862493	84559626	C	ADD	5262	0.9286	0.06296	0.8208	1.051	-1.176	0.2397

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs11859186	84559852	C	ADD	5068	0.9788	0.07015	0.853	1.123	-0.3061	0.7595

Table S5: Conditioning on rs450443

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs11861580	84456048	G	ADD	7316	0.8518	0.06812	0.7453	0.9734	-2.355	0.0185
16	rs9934049	84456117	T	ADD	6046	1.112	0.09711	0.919	1.345	1.09	0.2758
16	84456852	84456852	A	ADD	7377	0.6339	0.304	0.3494	1.15	-1.5	0.1336
16	84457076	84457076	T	ADD	7362	2.03E+09	2.44E+04	0	inf	0.0008791	0.9993
16	rs16939834	84458109	C	ADD	7379	0.8004	0.2338	0.5062	1.266	-0.9522	0.341
16	84458146	84458146	A	ADD	7373	9.33E+08	1.72E+04	0	inf	0.001199	0.999
16	rs11864884	84458540	T	ADD	7373	1.051	0.03867	0.9741	1.133	1.28	0.2004
16	rs7185918	84458566	T	ADD	7380	1.039	0.0428	0.9553	1.13	0.8924	0.3722
16	84458726	84458726	C	ADD	7356	1.279	0.1948	0.8733	1.874	1.264	0.2061
16	rs72805167	84458737	G	ADD	7204	1.13	0.4348	0.4821	2.651	0.282	0.778
16	84458834	84458834	O	ADD	6376	NA	NA	NA	NA	NA	NA
16	rs11859433	84458903	C	ADD	7331	0.8466	0.06893	0.7396	0.9691	-2.416	0.0157
16	84459157	84459157	G	ADD	7065	0.8254	0.07036	0.7191	0.9475	-2.727	0.006399
16	rs12926601	84459167	T	ADD	7107	1.124	0.04419	1.031	1.226	2.654	0.007951
16	rs4843854	84460016	C	ADD	7352	1.106	0.03499	1.033	1.184	2.876	0.004022
16	rs4843855	84460047	T	ADD	6863	1.013	0.0391	0.9379	1.093	0.3199	0.7491
16	rs4843856	84460058	C	ADD	7356	1.069	0.03466	0.999	1.144	1.932	0.0534
16	rs12930347	84461177	C	ADD	7374	1.099	0.04175	1.013	1.193	2.259	0.02391
16	84461320	84461320	O	ADD	7380	NA	NA	NA	NA	NA	NA
16	rs62052470	84461723	A	ADD	6829	0.8384	0.09399	0.6973	1.008	-1.875	0.06073
16	84461729	84461729	O	ADD	7383	NA	NA	NA	NA	NA	NA
16	rs62052471	84462333	G	ADD	6621	0.9254	0.115	0.7386	1.159	-0.6736	0.5006
16	84462405	84462405	A	ADD	6285	1.029	0.04402	0.944	1.122	0.65	0.5157
16	84462407	84462407	A	ADD	5658	1.039	0.04868	0.9445	1.143	0.7879	0.4308
16	84462423	84462423	A	ADD	5151	1.038	0.1261	0.8108	1.329	0.2967	0.7667
16	84462425	84462425	A	ADD	3731	1.189	0.0928	0.991	1.426	1.862	0.06254
16	84462437	84462437	C	ADD	3973	1.228	0.09809	1.013	1.488	2.09	0.03659
16	84462507	84462507	C	ADD	4987	1.061	0.09976	0.8723	1.29	0.5902	0.5551
16	84462539	84462539	C	ADD	7102	1.006	0.1159	0.8014	1.262	0.0491	0.9608
16	rs55697192	84462546	C	ADD	6034	1.142	0.07265	0.9904	1.317	1.827	0.06773
16	84463073	84463073	A	ADD	6688	1.51	0.2285	0.965	2.363	1.804	0.07125
16	84463237	84463237	T	ADD	7219	0.9734	0.194	0.6655	1.424	-0.139	0.8895
16	rs12935659	84463429	C	ADD	7357	1.013	0.03835	0.9394	1.092	0.3287	0.7424
16	84463607	84463607	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs72805168	84463633	C	ADD	7249	1.452	0.9683	0.2176	9.686	0.3851	0.7002
16	rs62052474	84463910	A	ADD	7351	0.8076	0.06586	0.7098	0.9188	-3.246	0.001172
16	84463953	84463953	T	ADD	7337	0.8333	1.415	0.052	13.35	-0.1289	0.8975
16	84463987	84463987	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84464105	84464105	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs11648716	84464117	G	ADD	7383	0.8201	0.06485	0.7222	0.9312	-3.058	0.002225
16	rs8056522	84464397	C	ADD	7373	1.059	0.04317	0.9732	1.153	1.33	0.1836
16	rs9929675	84464599	A	ADD	7350	1.018	0.0386	0.9434	1.097	0.4503	0.6525
16	rs9929701	84464675	C	ADD	7351	1.018	0.0386	0.9436	1.098	0.4555	0.6488
16	rs9924234	84465076	C	ADD	7355	1.019	0.03859	0.945	1.099	0.4939	0.6214
16	rs9930043	84465079	C	ADD	7362	1.017	0.03858	0.943	1.097	0.4388	0.6608
16	84465151	84465151	C	ADD	7320	1.113	0.04304	1.023	1.211	2.479	0.01319
16	rs9932359	84465411	A	ADD	7353	1.019	0.03859	0.9451	1.099	0.4966	0.6195
16	rs12448297	84467210	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs13336885	84469034	C	ADD	7234	1.019	0.03876	0.9447	1.1	0.4914	0.6231
16	rs7200396	84469798	C	ADD	7355	1.012	0.03834	0.9387	1.091	0.3105	0.7562
16	rs9923975	84469936	G	ADD	7339	1.076	0.04353	0.9876	1.171	1.673	0.09436
16	rs9932159	84470103	T	ADD	7358	1.015	0.03847	0.941	1.094	0.3792	0.7045
16	rs9936199	84470118	G	ADD	7358	1.012	0.03834	0.939	1.091	0.3173	0.751

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs750669	84470371	G	ADD	7312	1.068	0.03486	0.9974	1.143	1.886	0.05935
16	rs2017161	84470594	C	ADD	7213	1.004	0.03851	0.9314	1.083	0.1146	0.9087
16	84470606	84470606	A	ADD	7340	1.062	0.03464	0.992	1.136	1.728	0.08401
16	84471137	84471137	G	ADD	7358	8.15E+08	1.72E+04	0	inf	0.00119	0.9991
16	84471981	84471981	T	ADD	6635	0.9191	0.1335	0.7074	1.194	-0.6318	0.5275
16	84472217	84472217	T	ADD	6955	4.83E-10	2.44E+04	0	inf	-0.0008799	0.9993
16	rs55967832	84472469	C	ADD	7146	1.059	0.03506	0.9888	1.134	1.637	0.1015
16	rs9925103	84472609	G	ADD	7053	0.8674	0.2296	0.553	1.36	-0.6197	0.5355
16	rs34318854	84472707	C	ADD	7145	1.059	0.03505	0.9889	1.135	1.643	0.1004
16	rs34723871	84472711	C	ADD	7145	1.059	0.03505	0.9889	1.135	1.643	0.1004
16	rs56143130	84472719	C	ADD	7145	1.059	0.03505	0.9889	1.135	1.643	0.1004
16	rs9925282	84472806	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs9931862	84472878	T	ADD	7152	1.094	0.04384	1.004	1.192	2.044	0.04098
16	rs9931687	84473282	A	ADD	7364	1.113	0.04341	1.022	1.212	2.469	0.01356
16	rs6540231	84473561	G	ADD	7340	1.045	0.03461	0.976	1.118	1.258	0.2083
16	84473745	84473745	O	ADD	6386	NA	NA	NA	NA	NA	NA
16	84474001	84474001	C	ADD	6388	1.004	0.04453	0.9198	1.095	0.08157	0.935
16	84474531	84474531	C	ADD	6692	0.8991	0.8592	0.1669	4.844	-0.1238	0.9015
16	rs367170	84474588	A	ADD	4823	1.214	0.0984	1.001	1.472	1.967	0.04919
16	rs409219	84474592	T	ADD	4748	1.383	0.1203	1.092	1.751	2.694	0.007066
16	84474714	84474714	C	ADD	5039	1.033	0.05822	0.9215	1.158	0.5561	0.5781
16	rs62052475	84474717	C	ADD	5048	1.035	0.05802	0.9242	1.16	0.6007	0.548
16	84474721	84474721	C	ADD	5736	1.116	0.1598	0.8156	1.526	0.6852	0.4932
16	rs426900	84474799	C	ADD	6749	0.9179	0.0758	0.7912	1.065	-1.13	0.2585
16	rs9937847	84475052	C	ADD	7369	0.9899	0.06677	0.8685	1.128	-0.152	0.8792
16	rs16939877	84475320	A	ADD	6804	0.8579	0.1115	0.6894	1.068	-1.374	0.1694
16	rs376783	84475324	A	ADD	7376	1.118	0.04123	1.031	1.212	2.698	0.006986
16	rs428578	84475445	G	ADD	7278	1.019	0.03632	0.9487	1.094	0.5109	0.6095
16	84475528	84475528	A	ADD	7016	0.8133	0.2029	0.5464	1.211	-1.018	0.3085
16	rs371800	84475621	T	ADD	7354	1.139	0.09208	0.9512	1.365	1.416	0.1567
16	rs447377	84476336	G	ADD	7350	1.016	0.03618	0.9468	1.091	0.4494	0.6532
16	rs9936406	84476343	T	ADD	7378	0.992	0.03706	0.9225	1.067	-0.2167	0.8285
16	84476544	84476544	C	ADD	7318	0.9803	0.06966	0.8552	1.124	-0.285	0.7757
16	rs439390	84476707	G	ADD	7115	1.003	0.03673	0.9331	1.078	0.07372	0.9412
16	84476754	84476754	C	ADD	7341	0.7579	0.07574	0.6534	0.8792	-3.66	0.0002527
16	rs9928868	84476971	C	ADD	7339	0.9971	0.5405	0.3457	2.876	-0.005434	0.9957
16	rs384915	84477113	A	ADD	7322	1.113	0.09473	0.9243	1.34	1.129	0.2588
16	84477167	84477167	C	ADD	4705	0.8786	0.07371	0.7604	1.015	-1.756	0.0791
16	84477725	84477725	A	ADD	7374	4.421	1.28	0.3598	54.32	1.161	0.2455
16	rs438968	84477729	C	ADD	7332	1.014	0.03605	0.9446	1.088	0.3782	0.7052
16	rs12596376	84477898	C	ADD	7261	0.9935	0.03969	0.9191	1.074	-0.1642	0.8696
16	rs370703	84477981	T	ADD	7373	1.014	0.03604	0.9452	1.089	0.3956	0.6924
16	84478065	84478065	G	ADD	7358	0.6406	0.7897	0.1363	3.012	-0.5639	0.5728
16	rs395922	84478180	C	ADD	6977	1.049	0.09588	0.8694	1.266	0.5003	0.6169
16	rs6540232	84478303	C	ADD	7280	0.9945	0.03721	0.9245	1.07	-0.1487	0.8818
16	84478601	84478601	C	ADD	7359	1.143	0.09629	0.9461	1.38	1.384	0.1663
16	rs448136	84478848	C	ADD	6991	0.9934	0.03622	0.9253	1.067	-0.1824	0.8553
16	84478905	84478905	C	ADD	7379	0.6978	0.296	0.3907	1.247	-1.215	0.2242
16	rs11642286	84479110	G	ADD	7380	0.7573	0.07402	0.655	0.8755	-3.756	0.0001727
16	rs391821	84479528	T	ADD	7077	1.005	0.09614	0.8321	1.213	0.04844	0.9614
16	rs428530	84480360	G	ADD	7327	1.122	0.09272	0.9355	1.345	1.24	0.2148
16	rs11866609	84480582	G	ADD	7382	1.341	0.3902	0.624	2.88	0.7512	0.4525
16	rs421710	84481015	C	ADD	7380	1.01	0.03601	0.9411	1.084	0.2731	0.7848

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs9308363	84481566	C	ADD	7337	0.9905	0.03675	0.9216	1.064	-0.2602	0.7947
16	84481963	84481963	A	ADD	6886	0.7832	0.3344	0.4067	1.508	-0.731	0.4648
16	rs433322	84482073	G	ADD	7318	1.012	0.03602	0.9433	1.086	0.3398	0.734
16	rs11860464	84482464	T	ADD	7231	0.7721	0.5152	0.2813	2.119	-0.502	0.6157
16	84482479	84482479	C	ADD	7328	0.9928	0.03679	0.9237	1.067	-0.196	0.8446
16	84482626	84482626	O	ADD	7103	NA	NA	NA	NA	NA	NA
16	rs401528	84482872	G	ADD	7293	1.136	0.08954	0.9536	1.355	1.429	0.153
16	rs7193803	84483174	G	ADD	7380	0.9917	0.03678	0.9227	1.066	-0.2264	0.8209
16	84483336	84483336	O	ADD	7372	NA	NA	NA	NA	NA	NA
16	rs11117411	84483439	T	ADD	7296	0.7582	0.07544	0.654	0.879	-3.669	0.0002435
16	rs437740	84483537	C	ADD	7357	1.124	0.09367	0.9354	1.35	1.247	0.2123
16	84483596	84483596	A	ADD	7177	0.7853	0.207	0.5234	1.178	-1.168	0.2429
16	rs438323	84483902	C	ADD	7356	1.133	0.09376	0.9426	1.361	1.33	0.1835
16	rs12922615	84484196	T	ADD	7285	0.9539	0.07075	0.8304	1.096	-0.6666	0.505
16	rs394100	84484220	A	ADD	7177	1.092	0.09038	0.9144	1.303	0.9695	0.3323
16	rs395498	84484222	G	ADD	7292	1.021	0.03613	0.9511	1.096	0.5723	0.5671
16	rs452478	84484245	G	ADD	7356	1.127	0.09363	0.9383	1.354	1.279	0.2008
16	rs452532	84484267	G	ADD	7355	1.133	0.09374	0.9426	1.361	1.329	0.1838
16	rs11117412	84484343	A	ADD	7075	1.011	0.0405	0.9334	1.094	0.2586	0.796
16	rs434216	84484514	C	ADD	7026	1.012	0.03644	0.9418	1.086	0.3148	0.7529
16	rs1809094	84484727	A	ADD	6687	1.061	0.0431	0.9747	1.154	1.364	0.1724
16	84484809	84484809	G	ADD	7246	1.545	0.3733	0.7434	3.212	1.166	0.2437
16	rs572967	84484995	G	ADD	7237	1.005	0.03658	0.9353	1.08	0.1324	0.8947
16	rs896263	84485020	G	ADD	7377	1.077	0.0392	0.9971	1.163	1.885	0.05943
16	rs403605	84485129	A	ADD	7370	0.9716	0.06013	0.8636	1.093	-0.4792	0.6318
16	rs454128	84485236	G	ADD	7021	1.023	0.0399	0.9461	1.106	0.5711	0.568
16	rs391023	84485315	T	ADD	7329	1.038	0.03617	0.9671	1.114	1.034	0.3013
16	rs375288	84485372	A	ADD	7263	1.019	0.03691	0.9481	1.096	0.5157	0.6061
16	rs446836	84485520	T	ADD	7032	0.7299	0.2985	0.4067	1.31	-1.055	0.2915
16	rs873616	84485667	G	ADD	7052	1.115	0.04532	1.02	1.219	2.407	0.01608
16	84485701	84485701	O	ADD	7383	NA	NA	NA	NA	NA	NA
16	rs60241040	84486065	G	ADD	7309	1.104	0.0443	1.012	1.204	2.238	0.0252
16	rs391855	84486122	T	ADD	7373	0.9983	0.03604	0.9302	1.071	-0.04681	0.9627
16	rs12149363	84486206	G	ADD	7309	0.9564	0.07064	0.8327	1.098	-0.6312	0.5279
16	rs386098	84486701	A	ADD	7185	0.9692	0.06912	0.8464	1.11	-0.4527	0.6508
16	rs369173	84486783	G	ADD	7377	0.9918	0.03573	0.9247	1.064	-0.2308	0.8175
16	rs398114	84486785	C	ADD	7160	0.999	0.03638	0.9302	1.073	-0.02851	0.9773
16	rs369597	84486935	C	ADD	7367	0.9639	0.06873	0.8424	1.103	-0.5352	0.5925
16	rs9924391	84487331	T	ADD	7376	0.949	0.06967	0.8279	1.088	-0.7508	0.4528
16	rs9932449	84487333	A	ADD	7374	0.9557	0.06864	0.8354	1.093	-0.6605	0.5089
16	rs371391	84487395	C	ADD	7373	0.9696	0.06892	0.8471	1.11	-0.448	0.6542
16	rs388405	84487398	A	ADD	7382	0.9539	0.06836	0.8342	1.091	-0.6911	0.4895
16	rs28368111	84487756	C	ADD	7344	1.572	0.4022	0.7146	3.457	1.124	0.2608
16	84487779	84487779	T	ADD	7326	9.37E+08	1.72E+04	0	inf	0.001199	0.999
16	rs381139	84487901	C	ADD	7269	0.9618	0.06994	0.8386	1.103	-0.5576	0.5771
16	rs393512	84488072	C	ADD	7324	0.934	0.06831	0.817	1.068	-0.9992	0.3177
16	rs416515	84488175	C	ADD	7317	0.9508	0.06993	0.829	1.09	-0.7215	0.4706
16	rs398229	84488191	A	ADD	7317	0.9508	0.06993	0.829	1.09	-0.7215	0.4706
16	84488361	84488361	C	ADD	1969	1.189	0.1219	0.9365	1.51	1.422	0.155
16	84488362	84488362	C	ADD	3752	1.085	0.1201	0.8571	1.372	0.6756	0.4993
16	rs28368112	84488458	C	ADD	6979	1.119	0.04436	1.026	1.221	2.536	0.01122
16	84488780	84488780	C	ADD	7103	0.5726	0.3278	0.3012	1.089	-1.701	0.08893
16	rs170033	84489005	A	ADD	6651	0.9985	0.06623	0.877	1.137	-0.02218	0.9823

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84489382	84489382	0	ADD	7383	NA	NA	NA	NA	NA	NA
16	rs4843859	84489457	G	ADD	7301	1.099	0.04296	1.01	1.195	2.196	0.02807
16	rs8058349	84489530	G	ADD	7352	0.8965	0.0713	0.7796	1.031	-1.532	0.1254
16	rs191022	84489633	G	ADD	7252	1.064	0.03917	0.9856	1.149	1.589	0.1121
16	rs188602	84489852	T	ADD	7232	0.9366	0.06979	0.8168	1.074	-0.9392	0.3476
16	rs422186	84489971	A	ADD	7334	0.9354	0.07036	0.8149	1.074	-0.9487	0.3427
16	rs56177354	84490153	T	ADD	6682	0.7696	0.2987	0.4286	1.382	-0.8767	0.3807
16	rs2270501	84490489	T	ADD	7375	1.118	0.04458	1.024	1.22	2.499	0.01245
16	rs2270502	84490539	T	ADD	7196	0.9173	0.07549	0.7911	1.064	-1.144	0.2526
16	84490567	84490567	0	ADD	7375	NA	NA	NA	NA	NA	NA
16	84490724	84490724	A	ADD	7326	0.6339	1.266	0.05297	7.587	-0.3599	0.7189
16	84491082	84491082	A	ADD	7296	1.188	0.09844	0.9795	1.441	1.749	0.08021
16	rs56196648	84491219	A	ADD	6601	0.9062	0.1379	0.6916	1.187	-0.7142	0.4751
16	rs305084	84491669	C	ADD	7313	1.209	0.059	1.077	1.358	3.223	0.00127
16	rs12447817	84491725	A	ADD	5190	0.995	0.14	0.7562	1.309	-0.03586	0.9714
16	84491886	84491886	G	ADD	7342	2.204	0.386	1.034	4.696	2.047	0.04068
16	84491947	84491947	0	ADD	7384	NA	NA	NA	NA	NA	NA
16	84492016	84492016	C	ADD	7179	0.9488	0.07372	0.8212	1.096	-0.7122	0.4763
16	rs1519978	84492712	T	ADD	7351	0.9109	0.04708	0.8306	0.999	-1.981	0.04755
16	rs16939906	84493007	A	ADD	7307	1.267	0.5736	0.4115	3.899	0.4122	0.6802
16	84493033	84493033	C	ADD	5862	0.7963	0.2728	0.4665	1.359	-0.8349	0.4038
16	rs16882	84493074	C	ADD	7371	0.9091	0.04695	0.8291	0.9967	-2.03	0.04234
16	rs11649549	84493298	C	ADD	7362	0.9062	0.047	0.8265	0.9937	-2.095	0.03615
16	rs305083	84493379	G	ADD	7242	0.8941	0.04801	0.8138	0.9823	-2.332	0.0197
16	rs12924316	84493764	T	ADD	7378	1.106	0.04428	1.014	1.206	2.274	0.02297
16	84493893	84493893	C	ADD	4269	1.137	0.06318	1.005	1.287	2.035	0.04184
16	84493900	84493900	C	ADD	4332	1.137	0.06303	1.005	1.286	2.036	0.04174
16	84493903	84493903	C	ADD	4333	1.133	0.06301	1.001	1.282	1.978	0.04798
16	84493958	84493958	C	ADD	7358	1.445	0.4382	0.6121	3.411	0.8399	0.4009
16	84494383	84494383	T	ADD	7212	0.8951	0.1947	0.6112	1.311	-0.5695	0.569
16	rs305082	84494479	C	ADD	7374	0.91	0.04675	0.8304	0.9974	-2.016	0.04376
16	84494689	84494689	0	ADD	7361	NA	NA	NA	NA	NA	NA
16	84494863	84494863	C	ADD	7347	1.22	0.09599	1.01	1.472	2.069	0.03858
16	84495087	84495087	T	ADD	7208	2.58	0.918	0.4268	15.59	1.032	0.3019
16	rs182511	84495157	G	ADD	7381	1.179	0.1291	0.9158	1.519	1.278	0.2012
16	84495288	84495288	0	ADD	7011	NA	NA	NA	NA	NA	NA
16	84495780	84495780	A	ADD	7363	1.435	1.082	0.172	11.97	0.3335	0.7388
16	84495918	84495918	C	ADD	4715	1.149	0.1616	0.8373	1.577	0.8611	0.3892
16	84495937	84495937	C	ADD	5812	0.9016	0.1112	0.725	1.121	-0.9307	0.352
16	84495977	84495977	C	ADD	7092	0.9895	0.1848	0.6888	1.421	-0.05737	0.9542
16	rs11642583	84496096	G	ADD	7341	0.8344	0.05107	0.755	0.9223	-3.544	0.000394
16	rs9940980	84496182	T	ADD	7380	0.8448	0.05099	0.7645	0.9336	-3.307	0.0009428
16	rs9926664	84496256	G	ADD	7357	0.844	0.05116	0.7634	0.933	-3.316	0.000912
16	rs11646550	84496336	A	ADD	7332	0.842	0.05134	0.7614	0.9312	-3.349	0.0008105
16	84496676	84496676	0	ADD	7373	NA	NA	NA	NA	NA	NA
16	84496724	84496724	0	ADD	7383	NA	NA	NA	NA	NA	NA
16	84496745	84496745	C	ADD	7093	1.44	1.082	0.1726	12.02	0.337	0.7361
16	84496751	84496751	C	ADD	7093	1.44	1.082	0.1726	12.02	0.337	0.7361
16	rs3794662	84497151	A	ADD	7367	1.229	0.09559	1.019	1.482	2.154	0.03122
16	84497159	84497159	0	ADD	7376	NA	NA	NA	NA	NA	NA
16	rs3794661	84497167	A	ADD	7340	1.195	0.09617	0.9898	1.443	1.853	0.06382
16	rs62052556	84497511	T	ADD	7298	0.8255	0.05209	0.7454	0.9143	-3.68	0.000233
16	84497894	84497894	G	ADD	7274	0.9037	0.7287	0.2167	3.769	-0.139	0.8895

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84497914	84497914	G	ADD	7274	0.9037	0.7287	0.2167	3.769	-0.139	0.8895
16	84498477	84498477	G	ADD	7101	0.9949	0.1293	0.7722	1.282	-0.03971	0.9683
16	rs4843320	84498514	T	ADD	7247	1.084	0.0467	0.9895	1.188	1.733	0.08311
16	84498527	84498527	A	ADD	7193	0.8964	0.1947	0.612	1.313	-0.5618	0.5743
16	84498533	84498533	T	ADD	7102	0.9795	0.3003	0.5437	1.765	-0.06881	0.9451
16	84499184	84499184	G	ADD	7336	1.603	0.5049	0.596	4.313	0.935	0.3498
16	rs305080	84499275	T	ADD	7282	0.9829	0.03844	0.9116	1.06	-0.4486	0.6537
16	84499414	84499414	G	ADD	7161	1.308	0.18	0.9188	1.861	1.49	0.1363
16	rs10514610	84499676	C	ADD	7382	1.199	0.09234	1.001	1.437	1.968	0.04903
16	rs16939917	84499921	A	ADD	7324	1.212	0.09234	1.012	1.453	2.086	0.03699
16	rs305079	84499997	C	ADD	7371	1.262	0.08982	1.058	1.505	2.593	0.009519
16	84500417	84500417	O	ADD	7351	NA	NA	NA	NA	NA	NA
16	rs305078	84500644	G	ADD	7350	2.752	0.5334	0.9673	7.828	1.898	0.05775
16	rs3794660	84500669	C	ADD	7299	1.173	0.09901	0.9661	1.424	1.611	0.1071
16	84500726	84500726	T	ADD	7193	0.896	0.1947	0.6118	1.312	-0.5643	0.5726
16	rs305077	84500967	C	ADD	7377	1.003	0.03802	0.9314	1.081	0.08929	0.9289
16	84501753	84501753	O	ADD	7376	NA	NA	NA	NA	NA	NA
16	84501767	84501767	O	ADD	7376	NA	NA	NA	NA	NA	NA
16	84501890	84501890	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84501918	84501918	O	ADD	7370	NA	NA	NA	NA	NA	NA
16	rs391525	84501940	G	ADD	7372	1.004	0.03795	0.9316	1.081	0.09273	0.9261
16	rs366304	84502301	A	ADD	7315	0.7593	0.4966	0.2869	2.01	-0.5545	0.5793
16	rs2292982	84502324	G	ADD	7378	1.009	0.03801	0.9363	1.087	0.2281	0.8196
16	84502367	84502367	O	ADD	7333	NA	NA	NA	NA	NA	NA
16	rs2292980	84502577	C	ADD	7377	1.011	0.03803	0.938	1.089	0.278	0.781
16	84502640	84502640	A	ADD	7382	1.889	0.7868	0.4043	8.831	0.8088	0.4187
16	rs8052064	84502732	T	ADD	7185	0.815	0.05238	0.7355	0.9031	-3.905	9.41E-05
16	rs16939945	84502750	T	ADD	7344	0.8548	0.1072	0.6928	1.055	-1.462	0.1436
16	84502870	84502870	T	ADD	7382	0.9649	0.8805	0.1718	5.42	-0.0406	0.9676
16	84502888	84502888	C	ADD	7382	0.9649	0.8805	0.1718	5.42	-0.0406	0.9676
16	rs1519976	84503176	G	ADD	7361	1.002	0.03586	0.9338	1.075	0.04902	0.9609
16	rs768410	84503229	G	ADD	7366	1.002	0.03586	0.9338	1.075	0.0502	0.96
16	rs147968	84503340	C	ADD	7354	1.001	0.03587	0.9326	1.073	0.01472	0.9883
16	84503481	84503481	O	ADD	7381	NA	NA	NA	NA	NA	NA
16	84503489	84503489	O	ADD	7326	NA	NA	NA	NA	NA	NA
16	rs925994	84503518	A	ADD	7357	1.223	0.09491	1.016	1.473	2.124	0.03367
16	rs12923978	84503825	C	ADD	7254	1.137	0.0443	1.043	1.241	2.905	0.003669
16	rs424971	84503951	C	ADD	7318	0.9972	0.03604	0.9292	1.07	-0.0779	0.9379
16	rs11649318	84503982	C	ADD	7368	0.9871	0.03687	0.9183	1.061	-0.351	0.7256
16	rs11863590	84503995	G	ADD	7260	1.14	0.04427	1.045	1.243	2.956	0.003121
16	84504494	84504494	O	ADD	7363	NA	NA	NA	NA	NA	NA
16	84504502	84504502	O	ADD	7376	NA	NA	NA	NA	NA	NA
16	84504605	84504605	C	ADD	7022	0.9816	0.05932	0.8739	1.103	-0.3124	0.7548
16	84504608	84504608	T	ADD	7375	1.379	0.5991	0.4261	4.462	0.5362	0.5918
16	84504790	84504790	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs8051462	84504828	G	ADD	7354	1.004	0.03566	0.9364	1.077	0.116	0.9077
16	rs8064111	84504976	T	ADD	7258	0.8538	0.05422	0.7678	0.9496	-2.915	0.003562
16	rs8047999	84505028	C	ADD	7368	0.9989	0.03563	0.9315	1.071	-0.03062	0.9756
16	84505065	84505065	C	ADD	7359	0.4487	1.296	0.03537	5.691	-0.6184	0.5363
16	84505099	84505099	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84505252	84505252	A	ADD	7234	1.263	0.1865	0.8765	1.821	1.253	0.2102
16	rs903202	84505280	C	ADD	7269	0.9984	0.03565	0.931	1.071	-0.04623	0.9631
16	rs13331970	84505479	A	ADD	7354	1.036	0.3756	0.4963	2.163	0.09464	0.9246

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs17444416	84505599	A	ADD	7373	1.035	0.07386	0.8954	1.196	0.4645	0.6423
16	84505753	84505753	G	ADD	7367	1.225	0.6091	0.3712	4.042	0.3331	0.739
16	rs11649271	84505830	C	ADD	7328	0.8257	0.05208	0.7456	0.9144	-3.678	0.0002354
16	84505980	84505980	O	ADD	7382	NA	NA	NA	NA	NA	NA
16	rs903203	84506142	A	ADD	7006	1.103	0.03777	1.024	1.188	2.6	0.009332
16	84506417	84506417	T	ADD	7374	1.222	0.6093	0.3703	4.034	0.3292	0.742
16	rs403038	84506572	A	ADD	7377	0.8252	0.05119	0.7464	0.9123	-3.753	0.0001751
16	rs8054513	84506608	G	ADD	7362	0.8231	0.05177	0.7437	0.911	-3.761	0.000169
16	rs8059127	84506690	A	ADD	7364	1.081	0.3353	0.5603	2.086	0.2322	0.8164
16	rs62052557	84506707	A	ADD	6911	0.7744	0.4367	0.3291	1.822	-0.5855	0.5582
16	rs305071	84506772	A	ADD	7091	0.8133	0.05524	0.7299	0.9064	-3.74	0.000184
16	rs28552575	84506805	T	ADD	7366	0.8835	0.3976	0.4053	1.926	-0.3115	0.7554
16	84506880	84506880	C	ADD	7333	1.104	0.2424	0.6867	1.776	0.4097	0.682
16	rs305070	84506925	G	ADD	7372	0.8342	0.05023	0.756	0.9205	-3.608	0.0003082
16	rs9928776	84506960	T	ADD	7366	0.9992	0.3933	0.4623	2.16	-0.002155	0.9983
16	rs16939967	84506974	T	ADD	7376	1.113	0.04616	1.017	1.219	2.325	0.02005
16	rs305069	84507059	C	ADD	7216	1.006	0.03577	0.9381	1.079	0.1741	0.8618
16	rs35819447	84507211	G	ADD	7081	1.436	1.082	0.1721	11.99	0.3346	0.738
16	84507230	84507230	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs305068	84507397	G	ADD	7328	0.8243	0.05185	0.7446	0.9125	-3.727	0.0001938
16	rs16939969	84507645	C	ADD	7371	0.9492	0.3138	0.5131	1.756	-0.1661	0.8681
16	rs28631400	84507948	T	ADD	7372	0.7724	0.3676	0.3758	1.588	-0.7024	0.4824
16	rs28407896	84507957	T	ADD	7372	0.7724	0.3676	0.3758	1.588	-0.7024	0.4824
16	84508024	84508024	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs11117415	84508187	G	ADD	7370	1.194	0.07628	1.028	1.386	2.324	0.02013
16	84508204	84508204	O	ADD	7382	NA	NA	NA	NA	NA	NA
16	rs4843860	84508422	G	ADD	7349	1.065	0.038	0.9884	1.147	1.652	0.09855
16	rs4843861	84508477	T	ADD	7375	1.064	0.03789	0.9881	1.146	1.643	0.1004
16	rs9926067	84508696	G	ADD	7375	0.8515	0.3282	0.4475	1.62	-0.4899	0.6242
16	rs12926854	84508759	G	ADD	7338	1.061	0.03798	0.9851	1.143	1.565	0.1176
16	rs8054065	84508855	A	ADD	7287	1.042	0.03564	0.9719	1.118	1.16	0.2462
16	84508893	84508893	O	ADD	7248	NA	NA	NA	NA	NA	NA
16	rs8046526	84509136	T	ADD	7370	0.7919	0.04808	0.7207	0.8702	-4.853	1.22E-06
16	rs9934699	84509137	A	ADD	7326	1.172	0.06771	1.026	1.338	2.345	0.01903
16	rs9934701	84509148	A	ADD	7326	1.172	0.06771	1.026	1.338	2.345	0.01903
16	rs9926411	84509158	G	ADD	7378	1.203	0.126	0.9397	1.54	1.467	0.1425
16	rs8058904	84509183	G	ADD	7359	0.7932	0.04818	0.7217	0.8718	-4.808	1.53E-06
16	rs9924484	84509239	G	ADD	7331	1.184	0.06764	1.037	1.352	2.494	0.01264
16	rs9924488	84509249	G	ADD	7331	1.062	0.03788	0.9862	1.144	1.593	0.1112
16	rs8064189	84509297	G	ADD	7264	0.8875	0.04206	0.8173	0.9638	-2.837	0.004548
16	84509524	84509524	O	ADD	6664	NA	NA	NA	NA	NA	NA
16	84509646	84509646	O	ADD	7203	NA	NA	NA	NA	NA	NA
16	rs28368114	84509781	A	ADD	7118	0.7969	0.5652	0.2632	2.413	-0.4016	0.688
16	rs61995933	84509816	T	ADD	7327	2.592	1.277	0.212	31.69	0.7455	0.4559
16	84510111	84510111	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84510173	84510173	C	ADD	7231	0.6859	1.416	0.04279	10.99	-0.2663	0.79
16	rs2280378	84510246	G	ADD	7341	0.9923	0.03529	0.926	1.063	-0.2179	0.8275
16	rs7185022	84510430	A	ADD	7315	1.005	0.03567	0.9372	1.078	0.1412	0.8877
16	rs13338943	84510452	T	ADD	7383	0.9926	0.05354	0.8937	1.102	-0.1395	0.8891
16	rs12929551	84510511	T	ADD	7370	1.095	0.046	1	1.198	1.964	0.04956
16	84510613	84510613	T	ADD	7362	6.345	0.7967	1.331	30.24	2.319	0.02039
16	rs16939994	84510669	G	ADD	7363	1.173	0.1313	0.907	1.518	1.217	0.2237
16	rs8057456	84510697	T	ADD	7169	1.002	0.03728	0.9309	1.077	0.0405	0.9677

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84510714	84510714	C	ADD	7324	2.68E-09	2.44E+04	0	inf	-0.0008096	0.9994
16	84510896	84510896	A	ADD	7029	1.035	0.1328	0.7978	1.343	0.2583	0.7962
16	84510938	84510938	O	ADD	7354	NA	NA	NA	NA	NA	NA
16	rs9927932	84510947	T	ADD	7383	1.54	0.3686	0.7477	3.172	1.171	0.2415
16	rs11866752	84510994	T	ADD	7374	1.593	0.4407	0.6716	3.78	1.057	0.2906
16	rs28368115	84511122	T	ADD	7351	1.115	0.1352	0.8552	1.453	0.8031	0.4219
16	rs16940005	84511183	C	ADD	7324	1.114	0.04638	1.017	1.22	2.326	0.02001
16	84511331	84511331	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs35593615	84511410	G	ADD	7353	1.105	0.04608	1.009	1.209	2.157	0.03099
16	rs3751712	84511456	C	ADD	6711	0.9545	0.03846	0.8852	1.029	-1.21	0.2264
16	84511483	84511483	A	ADD	5862	0.9904	0.2238	0.6387	1.536	-0.0431	0.9656
16	rs4843321	84511577	C	ADD	7194	0.9629	0.03739	0.8949	1.036	-1.011	0.312
16	84511720	84511720	G	ADD	7379	8.56	1.107	0.9778	74.93	1.94	0.05242
16	rs16940007	84511788	T	ADD	7379	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993
16	rs16940009	84512089	C	ADD	7381	2.49	0.5166	0.9047	6.854	1.766	0.07738
16	84512224	84512224	T	ADD	7382	1.23E+09	2.44E+04	0	inf	0.0008586	0.9993
16	rs2270503	84512302	A	ADD	7374	0.6783	0.9293	0.1098	4.192	-0.4177	0.6762
16	84512462	84512462	O	ADD	7377	NA	NA	NA	NA	NA	NA
16	84512553	84512553	O	ADD	7382	NA	NA	NA	NA	NA	NA
16	84512648	84512648	A	ADD	7378	2.741	1.35	0.1944	38.64	0.7469	0.4551
16	rs28368116	84512695	C	ADD	7325	0.6321	0.2622	0.3781	1.057	-1.75	0.08019
16	rs10514611	84512743	T	ADD	7324	0.8742	0.04331	0.803	0.9516	-3.105	0.001905
16	rs1568391	84512805	G	ADD	7084	1.024	0.03619	0.9537	1.099	0.6515	0.5147
16	rs305072	84513164	G	ADD	7368	1.059	0.1268	0.8258	1.357	0.4504	0.6524
16	rs1044873	84513172	A	ADD	7242	0.9668	0.03731	0.8986	1.04	-0.9041	0.3659
16	84513230	84513230	A	ADD	7040	1.028	0.03626	0.9571	1.103	0.7504	0.453
16	84513410	84513410	G	ADD	7373	0.6785	0.9292	0.1098	4.193	-0.4174	0.6764
16	rs28368119	84513449	T	ADD	7116	0.7448	0.2199	0.484	1.146	-1.34	0.1803
16	84513495	84513495	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs6638	84513545	A	ADD	7031	1.033	0.03626	0.9625	1.11	0.9066	0.3646
16	84513863	84513863	C	ADD	2106	1.015	0.07032	0.8846	1.165	0.2156	0.8293
16	rs11646027	84513898	C	ADD	7350	0.8814	0.04289	0.8103	0.9587	-2.944	0.003243
16	rs28368120	84514144	T	ADD	7370	1.12	0.1285	0.871	1.441	0.8846	0.3764
16	84514396	84514396	C	ADD	6977	1.368	0.2047	0.9155	2.043	1.529	0.1263
16	rs7204286	84514422	T	ADD	7237	0.8854	0.04316	0.8136	0.9636	-2.82	0.0048
16	rs1021479	84514915	C	ADD	7367	1.133	0.1261	0.885	1.451	0.9911	0.3216
16	84514923	84514923	O	ADD	7375	NA	NA	NA	NA	NA	NA
16	rs305073	84515294	T	ADD	7272	0.9894	0.0368	0.9206	1.063	-0.2886	0.7729
16	rs305074	84515321	C	ADD	7276	0.9893	0.03659	0.9208	1.063	-0.2939	0.7689
16	rs9932835	84515425	G	ADD	7348	0.8862	0.04288	0.8147	0.9639	-2.819	0.004823
16	rs11117416	84515825	G	ADD	7382	0.886	0.0428	0.8147	0.9635	-2.828	0.00469
16	84516049	84516049	O	ADD	7275	NA	NA	NA	NA	NA	NA
16	84516201	84516201	T	ADD	7383	2.36E-09	2.44E+04	0	inf	-0.0008149	0.9993
16	rs16940023	84516215	T	ADD	7368	1.093	0.1245	0.8564	1.395	0.7149	0.4747
16	rs8052521	84516230	A	ADD	7372	0.9008	0.04141	0.8306	0.977	-2.522	0.01167
16	rs1021480	84516471	G	ADD	7295	0.9082	0.04167	0.837	0.9855	-2.31	0.02086
16	rs1021481	84516521	A	ADD	7370	0.9058	0.04146	0.8351	0.9825	-2.387	0.017
16	rs880364	84516666	G	ADD	7377	0.9086	0.04141	0.8378	0.9854	-2.314	0.02065
16	rs880365	84516863	T	ADD	7380	0.9029	0.04149	0.8324	0.9794	-2.462	0.0138
16	rs880366	84516939	C	ADD	7379	0.9074	0.0414	0.8367	0.9841	-2.348	0.0189
16	84517038	84517038	O	ADD	7362	NA	NA	NA	NA	NA	NA
16	84517061	84517061	O	ADD	7356	NA	NA	NA	NA	NA	NA
16	84517099	84517099	O	ADD	7384	NA	NA	NA	NA	NA	NA

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs305075	84517136	T	ADD	7370	1.026	0.03565	0.9569	1.1	0.7252	0.4683
16	84517710	84517710	O	ADD	7380	NA	NA	NA	NA	NA	NA
16	rs11644411	84517732	C	ADD	7305	0.892	0.04296	0.82	0.9704	-2.66	0.007805
16	rs11648480	84517780	T	ADD	7321	0.8925	0.04298	0.8204	0.9709	-2.647	0.00812
16	84517870	84517870	A	ADD	7173	1.217	0.1324	0.9387	1.577	1.482	0.1384
16	84517901	84517901	C	ADD	7370	0.4425	0.5654	0.1461	1.34	-1.442	0.1492
16	rs1472235	84518468	A	ADD	7225	0.9351	0.03906	0.8662	1.009	-1.718	0.08579
16	84518535	84518535	T	ADD	6930	0.6781	0.5074	0.2508	1.833	-0.7656	0.4439
16	rs1038953	84518591	A	ADD	6837	1.389	0.2587	0.8367	2.306	1.271	0.2039
16	84518682	84518682	A	ADD	7308	1.599	0.5049	0.5942	4.301	0.9291	0.3528
16	84518866	84518866	C	ADD	7307	1.351	0.9629	0.2046	8.916	0.3122	0.7549
16	rs4843862	84518960	G	ADD	5557	0.9838	0.04029	0.9091	1.065	-0.4051	0.6854
16	rs17444745	84519063	A	ADD	7379	1.017	0.04621	0.9289	1.113	0.3648	0.7152
16	84519295	84519295	T	ADD	7381	8.566	1.107	0.9785	74.99	1.94	0.05234
16	84519403	84519403	G	ADD	7307	1.209	0.3264	0.6378	2.293	0.5823	0.5604
16	84519498	84519498	G	ADD	7374	0.4565	0.8881	0.08007	2.603	-0.8829	0.3773
16	84519800	84519800	C	ADD	7363	2.29	0.8606	0.4239	12.37	0.9628	0.3356
16	rs305076	84519862	C	ADD	7360	5.93	1.15	0.6223	56.51	1.548	0.1217
16	84520081	84520081	O	ADD	7373	NA	NA	NA	NA	NA	NA
16	84520237	84520237	C	ADD	7374	1.675	1.157	0.1736	16.16	0.4461	0.6556
16	84520351	84520351	C	ADD	6595	1.039	0.09837	0.8568	1.26	0.3886	0.6976
16	84520516	84520516	A	ADD	6580	1.041	0.09742	0.8603	1.26	0.4149	0.6782
16	84520518	84520518	O	ADD	7377	NA	NA	NA	NA	NA	NA
16	84520604	84520604	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84521376	84521376	T	ADD	7046	1.66	0.2919	0.937	2.942	1.737	0.08238
16	84521433	84521433	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84521580	84521580	G	ADD	7357	5.056	0.8015	1.051	24.33	2.022	0.04318
16	84521632	84521632	T	ADD	7285	0.7216	1.212	0.06713	7.757	-0.2693	0.7877
16	84521737	84521737	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs12598785	84521809	G	ADD	7328	1.047	0.05193	0.9454	1.159	0.8788	0.3795
16	rs60218704	84521854	C	ADD	7359	8.616	1.107	0.9833	75.49	1.945	0.05181
16	rs8045988	84521891	A	ADD	7381	1.126	0.07226	0.9772	1.297	1.641	0.1008
16	rs366078	84522064	C	ADD	7365	0.8268	0.05261	0.7458	0.9166	-3.615	0.0003
16	rs2172625	84522286	C	ADD	7226	0.8115	0.05375	0.7304	0.9017	-3.885	0.0001021
16	rs2970094	84522327	A	ADD	6845	0.8234	0.05363	0.7413	0.9147	-3.623	0.0002913
16	84522420	84522420	A	ADD	7316	0.7129	1.422	0.04391	11.57	-0.238	0.8119
16	84522462	84522462	O	ADD	7374	NA	NA	NA	NA	NA	NA
16	rs399280	84522499	G	ADD	7231	0.8523	0.0533	0.7677	0.9461	-2.999	0.002706
16	rs383425	84522540	T	ADD	7363	1.157	0.0355	1.079	1.24	4.097	4.19E-05
16	84522577	84522577	C	ADD	7356	0.8427	0.05334	0.7591	0.9356	-3.207	0.00134
16	84522585	84522585	C	ADD	7122	1.667	0.365	0.8153	3.409	1.401	0.1614
16	rs56200928	84522852	C	ADD	7069	1.499	0.1904	1.032	2.178	2.128	0.03337
16	84522867	84522867	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84522980	84522980	A	ADD	7370	1.349	1.556	0.0639	28.46	0.1922	0.8476
16	rs523642	84523096	A	ADD	7343	0.8442	0.05351	0.7602	0.9376	-3.165	0.001552
16	rs524432	84523155	C	ADD	7381	0.8451	0.053	0.7618	0.9377	-3.175	0.0015
16	84523165	84523165	A	ADD	7374	0.6343	0.284	0.3635	1.107	-1.603	0.109
16	84523216	84523216	T	ADD	7369	5.03E+09	2.44E+04	0	inf	0.0009164	0.9993
16	rs388988	84523302	T	ADD	7322	0.8358	0.05312	0.7532	0.9275	-3.376	0.0007349
16	84523320	84523320	O	ADD	7377	NA	NA	NA	NA	NA	NA
16	rs73266819	84523372	C	ADD	7377	0.8951	0.797	0.1877	4.269	-0.1391	0.8894
16	84523433	84523433	C	ADD	7120	0.8345	0.05612	0.7476	0.9316	-3.223	0.001268
16	rs411221	84523460	C	ADD	7207	0.837	0.05377	0.7533	0.93	-3.31	0.0009342

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84523472	84523472	0	ADD	7384	NA	NA	NA	NA	NA	NA
16	84523510	84523510	0	ADD	7375	NA	NA	NA	NA	NA	NA
16	rs878453	84523664	C	ADD	7111	0.9404	0.03907	0.8711	1.015	-1.573	0.1157
16	rs878454	84523673	A	ADD	7347	0.8555	0.05078	0.7745	0.9451	-3.072	0.002125
16	rs903201	84523785	C	ADD	7293	1.057	0.05407	0.9509	1.175	1.029	0.3034
16	rs11861479	84523794	G	ADD	7295	1.057	0.05407	0.9507	1.175	1.026	0.3051
16	rs11117417	84523830	T	ADD	7296	1.061	0.0541	0.954	1.179	1.09	0.2758
16	rs58980382	84523934	T	ADD	7109	0.791	0.05684	0.7076	0.8842	-4.125	3.71E-05
16	rs11860480	84523959	C	ADD	7367	0.9181	0.04165	0.8461	0.9961	-2.053	0.04011
16	rs11860517	84524000	G	ADD	7362	1.071	0.05355	0.9639	1.189	1.273	0.2031
16	rs11117418	84524028	G	ADD	7360	1.034	0.05096	0.936	1.143	0.6612	0.5085
16	rs12051539	84524038	G	ADD	7260	1.211	0.1503	0.9017	1.625	1.272	0.2035
16	84524043	84524043	A	ADD	7169	0.9702	0.1271	0.7563	1.245	-0.2383	0.8116
16	84524049	84524049	G	ADD	7232	0.7988	0.05499	0.7172	0.8898	-4.084	4.43E-05
16	84524139	84524139	0	ADD	7372	NA	NA	NA	NA	NA	NA
16	rs13332649	84524184	G	ADD	7133	0.7909	0.04754	0.7205	0.8681	-4.935	8.02E-07
16	rs875529	84524187	C	ADD	7346	1.066	0.05357	0.9597	1.184	1.192	0.2334
16	rs875528	84524211	A	ADD	7260	1.28	0.1478	0.9582	1.711	1.671	0.09464
16	84524220	84524220	T	ADD	7258	0.8067	0.184	0.5625	1.157	-1.168	0.2429
16	rs875527	84524231	A	ADD	7380	1.307	0.1484	0.977	1.748	1.803	0.07134
16	rs419030	84524302	A	ADD	7235	0.6531	0.2248	0.4203	1.015	-1.895	0.05807
16	84524389	84524389	0	ADD	7383	NA	NA	NA	NA	NA	NA
16	84524454	84524454	C	ADD	7058	0.6726	0.8193	0.135	3.35	-0.4842	0.6283
16	84524516	84524516	C	ADD	7374	1.387	0.6158	0.4148	4.636	0.5311	0.5953
16	rs12596341	84524541	A	ADD	7354	1.015	0.05738	0.9067	1.135	0.2534	0.8
16	rs7198271	84524586	G	ADD	7340	1.006	0.5367	0.3515	2.881	0.01163	0.9907
16	84524664	84524664	C	ADD	6883	1.009	0.06215	0.8929	1.139	0.1371	0.891
16	84524665	84524665	C	ADD	7221	1.023	0.0561	0.9167	1.142	0.4094	0.6823
16	84524666	84524666	C	ADD	7221	1.023	0.0561	0.9167	1.142	0.4094	0.6823
16	84524668	84524668	C	ADD	7188	1.022	0.05612	0.9159	1.141	0.3938	0.6937
16	84524687	84524687	C	ADD	4204	0.7977	0.1376	0.6091	1.045	-1.642	0.1006
16	84524706	84524706	C	ADD	3245	0.9199	0.09125	0.7693	1.1	-0.9144	0.3605
16	84524707	84524707	C	ADD	2830	0.878	0.1138	0.7025	1.097	-1.144	0.2527
16	84524722	84524722	C	ADD	6040	0.9413	0.2171	0.6151	1.441	-0.2785	0.7806
16	84524723	84524723	C	ADD	6016	0.9416	0.217	0.6153	1.441	-0.2775	0.7814
16	84524750	84524750	T	ADD	7109	0.6713	0.1185	0.5322	0.8469	-3.363	0.0007722
16	rs12444221	84524786	T	ADD	7349	0.803	0.04567	0.7342	0.8782	-4.805	1.55E-06
16	84524997	84524997	0	ADD	7324	NA	NA	NA	NA	NA	NA
16	rs437291	84525009	C	ADD	7335	1.066	0.05336	0.9605	1.184	1.205	0.2283
16	84525054	84525054	0	ADD	7381	NA	NA	NA	NA	NA	NA
16	84525087	84525087	T	ADD	7057	1.514	0.347	0.7667	2.988	1.194	0.2323
16	rs9936079	84525095	A	ADD	7013	0.7906	0.04655	0.7217	0.8661	-5.048	4.47E-07
16	rs385344	84525105	G	ADD	7362	NA	NA	NA	NA	NA	NA
16	rs447632	84525141	G	ADD	7364	1.036	0.05609	0.9283	1.157	0.6341	0.526
16	rs34337659	84525158	C	ADD	7373	NA	NA	NA	NA	NA	NA
16	rs66509440	84525182	T	ADD	6937	NA	NA	NA	NA	NA	NA
16	rs66804793	84525190	A	ADD	6938	NA	NA	NA	NA	NA	NA
16	rs9925859	84525223	C	ADD	7340	1.144	0.04091	1.056	1.24	3.289	0.001006
16	rs74032085	84525245	C	ADD	6800	NA	NA	NA	NA	NA	NA
16	rs16940044	84525266	G	ADD	6780	NA	NA	NA	NA	NA	NA
16	84525360	84525360	G	ADD	7231	3.73E-10	2.44E+04	0	inf	-0.0008905	0.9993
16	rs2934497	84525379	T	ADD	6759	NA	NA	NA	NA	NA	NA
16	rs2970091	84525387	A	ADD	6845	NA	NA	NA	NA	NA	NA

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs2970090	84525392	A	ADD	6825	1.085	0.05396	0.976	1.206	1.509	0.1312
16	rs56239618	84525421	G	ADD	6808	0.8788	0.0752	0.7584	1.018	-1.718	0.08581
16	rs57439018	84525761	C	ADD	7370	0.8931	0.7972	0.1872	4.261	-0.1418	0.8873
16	84525770	84525770	A	ADD	7378	1.12E+09	1.41E+04	0	inf	0.001481	0.9988
16	rs2934498	84525783	G	ADD	7372	NA	NA	NA	NA	NA	NA
16	rs447919	84526058	T	ADD	7345	1.145	0.04096	1.057	1.241	3.309	0.0009378
16	84526080	84526080	O	ADD	7379	NA	NA	NA	NA	NA	NA
16	84526134	84526134	O	ADD	7372	NA	NA	NA	NA	NA	NA
16	rs439885	84526175	A	ADD	7377	NA	NA	NA	NA	NA	NA
16	rs10400953	84526344	T	ADD	7362	1.065	0.05367	0.959	1.184	1.181	0.2378
16	84526382	84526382	T	ADD	7373	7.39E-10	1.62E+04	0	inf	-0.001299	0.999
16	rs450443	84526392	G	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs396987	84526435	G	ADD	7382	NA	NA	NA	NA	NA	NA
16	rs385989	84526509	G	ADD	7313	1.047	0.05235	0.945	1.16	0.8789	0.3794
16	84526528	84526528	A	ADD	7310	1	0.2806	0.5771	1.733	0.0005739	0.9995
16	rs4843865	84526806	T	ADD	7361	0.8073	0.04559	0.7383	0.8827	-4.696	2.65E-06
16	84527141	84527141	C	ADD	7366	0.8082	0.04552	0.7392	0.8836	-4.678	2.90E-06
16	rs8052690	84527239	G	ADD	7378	0.8109	0.04548	0.7417	0.8865	-4.61	4.02E-06
16	rs7185692	84527553	G	ADD	7352	1.062	0.05375	0.9558	1.18	1.119	0.2633
16	84527600	84527600	C	ADD	3051	0.9739	0.06942	0.85	1.116	-0.3804	0.7037
16	84527601	84527601	A	ADD	5818	1.163	0.05037	1.054	1.284	3.006	0.002647
16	84527603	84527603	C	ADD	4202	0.8866	0.05297	0.7992	0.9836	-2.272	0.02309
16	84527612	84527612	C	ADD	7064	2.209	0.3878	1.033	4.724	2.044	0.04093
16	84527613	84527613	T	ADD	6735	1.669	0.3362	0.8633	3.225	1.523	0.1278
16	84527727	84527727	O	ADD	7258	NA	NA	NA	NA	NA	NA
16	84527829	84527829	C	ADD	7266	1.28	0.521	0.4612	3.555	0.4745	0.6351
16	rs8059144	84527977	C	ADD	7335	0.8756	0.04087	0.8082	0.9487	-3.249	0.001159
16	rs8045825	84527979	G	ADD	7339	0.876	0.04087	0.8085	0.949	-3.241	0.001191
16	84528014	84528014	G	ADD	7376	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993
16	84528020	84528020	T	ADD	7341	0.4293	0.5704	0.1404	1.313	-1.482	0.1382
16	rs4843866	84528151	T	ADD	7339	0.8762	0.04087	0.8088	0.9493	-3.233	0.001225
16	rs4843867	84528219	G	ADD	7341	0.8761	0.04086	0.8087	0.9491	-3.237	0.001207
16	84528233	84528233	A	ADD	7377	0.1269	1.092	0.01493	1.079	-1.891	0.05869
16	rs186249	84528397	C	ADD	7196	1.057	0.1809	0.7415	1.507	0.3066	0.7591
16	84528620	84528620	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84528669	84528669	O	ADD	7363	NA	NA	NA	NA	NA	NA
16	rs12149636	84528721	G	ADD	7354	0.8725	0.04101	0.8052	0.9456	-3.325	0.0008845
16	84528857	84528857	C	ADD	7151	0.8696	0.04219	0.8006	0.9446	-3.311	0.0009292
16	84528860	84528860	T	ADD	6338	0.7729	0.05929	0.6881	0.8681	-4.345	1.39E-05
16	rs12149642	84528922	T	ADD	7073	0.8597	0.04228	0.7913	0.9339	-3.576	0.0003488
16	84529014	84529014	G	ADD	7005	0.8772	0.1382	0.6691	1.15	-0.9486	0.3428
16	84529016	84529016	C	ADD	3186	0.8385	0.07976	0.7171	0.9804	-2.209	0.02719
16	84529025	84529025	C	ADD	5442	0.9362	0.07982	0.8006	1.095	-0.8259	0.4089
16	84529026	84529026	C	ADD	5903	0.8155	0.05924	0.7261	0.9159	-3.442	0.0005768
16	84529027	84529027	C	ADD	6495	0.8508	0.04719	0.7757	0.9333	-3.423	0.0006191
16	84529028	84529028	C	ADD	6380	0.8779	0.046	0.8022	0.9607	-2.831	0.004635
16	84529029	84529029	C	ADD	6685	0.8667	0.04372	0.7955	0.9442	-3.272	0.001067
16	84529030	84529030	C	ADD	6685	0.8667	0.04372	0.7955	0.9442	-3.272	0.001067
16	84529031	84529031	C	ADD	6390	0.8506	0.04443	0.7797	0.928	-3.641	0.0002715
16	rs12149223	84529032	C	ADD	5768	0.8834	0.122	0.6955	1.122	-1.017	0.3094
16	84529037	84529037	C	ADD	6949	0.8562	0.2252	0.5506	1.331	-0.6895	0.4905
16	84529038	84529038	C	ADD	7012	1.196	0.355	0.5965	2.399	0.5047	0.6137
16	84529220	84529220	T	ADD	7068	1.086	0.1469	0.8141	1.448	0.5594	0.5759

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84529277	84529277	0	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs305067	84529341	C	ADD	6738	1.125	0.04314	1.034	1.225	2.735	0.006243
16	rs11117419	84529383	G	ADD	7350	0.8595	0.04159	0.7922	0.9325	-3.64	0.0002723
16	rs11117420	84529423	C	ADD	7123	0.8223	0.04872	0.7474	0.9046	-4.017	5.90E-05
16	rs11117421	84529461	A	ADD	7349	0.8592	0.0416	0.792	0.9322	-3.647	0.0002653
16	rs11117422	84529514	C	ADD	7267	0.7926	0.04665	0.7233	0.8685	-4.982	6.28E-07
16	84529575	84529575	0	ADD	7309	NA	NA	NA	NA	NA	NA
16	rs11117423	84529682	C	ADD	7316	0.8595	0.04177	0.792	0.9329	-3.624	0.0002903
16	rs11117424	84529738	G	ADD	7368	0.861	0.04157	0.7936	0.9341	-3.601	0.0003174
16	rs11117425	84529772	T	ADD	7369	0.8614	0.04165	0.7939	0.9347	-3.582	0.0003413
16	rs11648012	84529908	T	ADD	7365	0.8597	0.04156	0.7924	0.9326	-3.638	0.0002748
16	84530040	84530040	T	ADD	7370	0.77	1.416	0.04799	12.36	-0.1845	0.8536
16	rs11643999	84530070	A	ADD	7373	0.8589	0.04157	0.7917	0.9318	-3.66	0.0002525
16	rs11648084	84530099	T	ADD	7379	0.8597	0.04159	0.7924	0.9327	-3.634	0.0002792
16	rs11644034	84530113	A	ADD	7328	0.7999	0.04645	0.7303	0.8762	-4.805	1.55E-06
16	rs16940083	84530130	T	ADD	7379	0.7001	0.7662	0.156	3.143	-0.4653	0.6417
16	84530187	84530187	0	ADD	7223	NA	NA	NA	NA	NA	NA
16	rs305066	84530277	T	ADD	7304	1.159	0.09733	0.9577	1.402	1.515	0.1297
16	rs12600127	84530280	G	ADD	7329	0.8568	0.04169	0.7896	0.9298	-3.706	0.0002101
16	rs13335265	84530311	C	ADD	6973	0.7824	0.048	0.7121	0.8596	-5.112	3.18E-07
16	84530325	84530325	0	ADD	7324	NA	NA	NA	NA	NA	NA
16	84530431	84530431	G	ADD	7373	7.39E-10	1.62E+04	0	inf	-0.001299	0.999
16	rs62051023	84530439	T	ADD	7345	1.296	0.1663	0.9354	1.795	1.558	0.1191
16	84530468	84530468	T	ADD	7344	0.5823	1.299	0.04563	7.43	-0.4163	0.6772
16	rs8062669	84530493	T	ADD	7369	1.083	0.08938	0.909	1.29	0.8925	0.3721
16	rs12711490	84530529	C	ADD	7374	0.7996	0.04626	0.7303	0.8755	-4.835	1.33E-06
16	84530554	84530554	C	ADD	7376	1.761	0.7383	0.4144	7.486	0.7667	0.4433
16	rs12598434	84530560	T	ADD	7330	0.8666	0.04169	0.7986	0.9404	-3.434	0.0005941
16	rs11641153	84530641	G	ADD	7340	0.7901	0.0465	0.7213	0.8655	-5.067	4.05E-07
16	rs11641155	84530653	G	ADD	7339	0.7898	0.0465	0.721	0.8651	-5.076	3.86E-07
16	rs7205434	84530696	G	ADD	7339	0.7898	0.0465	0.721	0.8651	-5.076	3.86E-07
16	rs8050476	84530705	G	ADD	7382	1.041	0.08729	0.8777	1.236	0.4652	0.6418
16	rs4843868	84530902	T	ADD	7328	0.788	0.04655	0.7193	0.8633	-5.117	3.10E-07
16	84530967	84530967	T	ADD	7359	1.051	0.1074	0.8516	1.297	0.4638	0.6428
16	rs1879213	84530977	T	ADD	7347	1.05	0.0595	0.9341	1.179	0.8134	0.416
16	rs56250418	84530999	T	ADD	7104	0.8906	0.07205	0.7733	1.026	-1.608	0.1079
16	rs305065	84531367	G	ADD	7325	1.123	0.04082	1.036	1.216	2.833	0.00461
16	84531390	84531390	C	ADD	7285	1.038	0.271	0.6104	1.766	0.1383	0.89
16	rs305064	84531643	T	ADD	7317	1.133	0.04096	1.046	1.228	3.054	0.002256
16	rs9927123	84531682	G	ADD	7343	0.8729	0.04042	0.8064	0.9449	-3.362	0.0007727
16	rs16940087	84531752	T	ADD	7379	0.7001	0.7662	0.156	3.143	-0.4653	0.6417
16	rs16940088	84531870	T	ADD	7339	1.054	0.05959	0.9374	1.184	0.8757	0.3812
16	rs13330932	84532008	T	ADD	7290	0.8288	0.04227	0.7629	0.9004	-4.442	8.91E-06
16	84532040	84532040	T	ADD	7345	0.5819	1.299	0.04561	7.425	-0.4167	0.6769
16	rs305063	84532158	T	ADD	7045	1.019	0.08769	0.8577	1.21	0.2099	0.8338
16	84532198	84532198	0	ADD	7368	NA	NA	NA	NA	NA	NA
16	rs56834409	84532277	G	ADD	7340	1.055	0.0596	0.9384	1.185	0.8924	0.3722
16	84532342	84532342	C	ADD	4985	0.9808	0.08287	0.8337	1.154	-0.2343	0.8147
16	rs4843322	84532386	G	ADD	7347	0.8519	0.04158	0.7853	0.9243	-3.854	0.0001161
16	rs4843323	84532462	T	ADD	7321	0.7877	0.04667	0.7188	0.8631	-5.114	3.15E-07
16	rs12596291	84532538	C	ADD	7337	1.052	0.05963	0.9359	1.182	0.8491	0.3959
16	rs12596295	84532576	A	ADD	7336	1.001	0.06383	0.8834	1.135	0.01738	0.9861
16	rs4843869	84532642	A	ADD	7332	0.7885	0.04661	0.7196	0.8639	-5.099	3.42E-07

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84532733	84532733	0	ADD	7223	NA	NA	NA	NA	NA	NA
16	84532800	84532800	G	ADD	7101	1.334	0.4513	0.5507	3.231	0.6383	0.5233
16	84532862	84532862	0	ADD	7087	NA	NA	NA	NA	NA	NA
16	rs305062	84533003	G	ADD	7380	1.331	0.1753	0.9441	1.877	1.632	0.1026
16	rs305061	84533160	C	ADD	7359	1.116	0.04058	1.031	1.209	2.716	0.006614
16	84533416	84533416	C	ADD	4295	1.069	0.09967	0.8796	1.3	0.6725	0.5012
16	rs305060	84533417	C	ADD	7343	1.09	0.04607	0.9962	1.193	1.877	0.06047
16	rs16940099	84533441	C	ADD	7361	1.06	0.08956	0.8891	1.263	0.6481	0.5169
16	rs16940100	84533460	T	ADD	7366	1.067	0.08925	0.8956	1.271	0.7245	0.4687
16	84533481	84533481	0	ADD	7382	NA	NA	NA	NA	NA	NA
16	rs305059	84533519	A	ADD	7149	1.078	0.04642	0.9845	1.181	1.623	0.1046
16	84533526	84533526	0	ADD	7377	NA	NA	NA	NA	NA	NA
16	84533672	84533672	T	ADD	7366	1.067	0.08925	0.8956	1.271	0.7245	0.4687
16	84533804	84533804	C	ADD	7365	1.067	0.08925	0.8955	1.271	0.7234	0.4695
16	84533839	84533839	0	ADD	7238	NA	NA	NA	NA	NA	NA
16	84533939	84533939	C	ADD	7214	1.07	0.08959	0.8973	1.275	0.7509	0.4527
16	84534522	84534522	G	ADD	7300	1.214	0.2242	0.7821	1.884	0.8638	0.3877
16	84534632	84534632	C	ADD	7379	1.147	0.7947	0.2416	5.445	0.1725	0.863
16	84534741	84534741	T	ADD	7253	1.279	0.521	0.4606	3.55	0.4721	0.6369
16	rs7202472	84535003	T	ADD	7335	0.7829	0.04759	0.7132	0.8594	-5.144	2.69E-07
16	84535111	84535111	T	ADD	7245	0.8391	0.2048	0.5617	1.254	-0.8563	0.3918
16	84535271	84535271	A	ADD	7351	0.3135	0.8403	0.0604	1.627	-1.38	0.1675
16	84535272	84535272	A	ADD	7367	0.1967	1.124	0.02172	1.781	-1.446	0.148
16	rs305097	84535412	A	ADD	7280	1.162	0.1042	0.9475	1.426	1.443	0.1491
16	rs62051024	84535456	C	ADD	7090	0.8891	0.07147	0.7728	1.023	-1.645	0.09989
16	rs305095	84535500	T	ADD	7350	1.112	0.102	0.9106	1.358	1.041	0.2979
16	rs305094	84535606	C	ADD	7326	1.117	0.04069	1.032	1.21	2.724	0.006443
16	rs72807020	84535618	G	ADD	7323	1.013	0.05756	0.9047	1.134	0.2193	0.8264
16	rs16940101	84535626	G	ADD	7381	1.047	0.08762	0.8817	1.243	0.5228	0.6011
16	rs16940103	84535710	T	ADD	7322	1.004	0.05761	0.8967	1.124	0.06722	0.9464
16	rs16940104	84535711	T	ADD	7365	1.048	0.08918	0.8796	1.248	0.5218	0.6018
16	rs7186094	84535988	T	ADD	7373	1.07	0.05354	0.963	1.188	1.255	0.2095
16	rs7190319	84536046	G	ADD	7379	1.073	0.05357	0.9664	1.192	1.322	0.1861
16	rs305093	84536086	T	ADD	7350	1.118	0.04072	1.032	1.21	2.73	0.00633
16	84536244	84536244	0	ADD	7374	NA	NA	NA	NA	NA	NA
16	rs11639990	84536305	G	ADD	7380	1.073	0.05349	0.9664	1.192	1.322	0.1862
16	84536585	84536585	0	ADD	7291	NA	NA	NA	NA	NA	NA
16	84536608	84536608	C	ADD	7349	2.615	0.5045	0.9727	7.03	1.905	0.05676
16	rs305092	84536618	A	ADD	7321	1.133	0.0408	1.046	1.228	3.068	0.002158
16	rs305091	84536744	A	ADD	7351	1.127	0.04033	1.041	1.219	2.957	0.00311
16	84536846	84536846	C	ADD	3157	0.9069	0.06732	0.7948	1.035	-1.452	0.1465
16	rs305090	84536847	T	ADD	7331	1.132	0.04042	1.046	1.225	3.07	0.002143
16	84536862	84536862	A	ADD	7378	2.025	0.5625	0.6724	6.099	1.254	0.2097
16	84537033	84537033	T	ADD	7320	4.22E-10	2.44E+04	0	inf	-0.0008854	0.9993
16	84537070	84537070	T	ADD	7353	0.3635	0.852	0.06845	1.931	-1.188	0.2349
16	84537135	84537135	0	ADD	7338	NA	NA	NA	NA	NA	NA
16	84537212	84537212	A	ADD	7369	7.38E-10	1.62E+04	0	inf	-0.001299	0.999
16	84537309	84537309	0	ADD	7373	NA	NA	NA	NA	NA	NA
16	rs11641591	84537652	T	ADD	7329	1.245	0.1776	0.879	1.764	1.234	0.2172
16	rs62051025	84537707	T	ADD	6941	0.8744	0.08089	0.7462	1.025	-1.659	0.09702
16	rs965773	84537847	A	ADD	7328	0.8293	0.04469	0.7597	0.9052	-4.188	2.81E-05
16	rs16940113	84537948	T	ADD	7379	1.064	0.8684	0.1941	5.838	0.07184	0.9427
16	84538025	84538025	G	ADD	7344	1.11	0.09558	0.9204	1.339	1.093	0.2746

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs731708	84538035	A	ADD	7293	0.7841	0.04741	0.7145	0.8604	-5.131	2.88E-07
16	84538040	84538040	T	ADD	7080	0.7116	0.2579	0.4292	1.18	-1.319	0.1871
16	rs731709	84538088	C	ADD	7348	1.056	0.08999	0.8853	1.26	0.6065	0.5442
16	84538106	84538106	T	ADD	7067	1.195	0.2493	0.7329	1.948	0.7135	0.4755
16	84538380	84538380	O	ADD	7357	NA	NA	NA	NA	NA	NA
16	rs731707	84538469	C	ADD	7329	0.8335	0.04445	0.764	0.9094	-4.098	4.18E-05
16	84538530	84538530	A	ADD	7353	0.9128	1.078	0.1103	7.556	-0.08456	0.9326
16	rs305089	84538531	T	ADD	7355	1.111	0.04075	1.026	1.203	2.581	0.009842
16	84538676	84538676	O	ADD	7351	NA	NA	NA	NA	NA	NA
16	84538740	84538740	T	ADD	7270	0.5358	1.01	0.074	3.879	-0.6178	0.5367
16	84538942	84538942	G	ADD	7073	0.9474	0.1976	0.6431	1.396	-0.2734	0.7845
16	84538944	84538944	T	ADD	7365	4.13E-10	1.72E+04	0	inf	-0.001254	0.999
16	rs11643168	84538983	T	ADD	7322	1.036	0.0693	0.9041	1.186	0.5044	0.614
16	rs305088	84539102	T	ADD	7311	1.094	0.03863	1.014	1.18	2.328	0.0199
16	84539195	84539195	C	ADD	7382	1.23E+09	2.44E+04	0	inf	0.0008586	0.9993
16	84539211	84539211	C	ADD	7366	1.577	1.225	0.1428	17.41	0.3716	0.7102
16	84539306	84539306	A	ADD	6358	1.13	0.08819	0.9508	1.344	1.388	0.165
16	rs305087	84539747	C	ADD	6968	0.8356	0.05562	0.7493	0.9318	-3.229	0.001241
16	rs7198504	84539802	C	ADD	6832	0.9262	0.0418	0.8533	1.005	-1.835	0.06648
16	rs9935237	84540017	G	ADD	6240	0.7201	0.3444	0.3666	1.415	-0.9531	0.3405
16	rs305086	84540022	A	ADD	7378	1.088	0.04773	0.9906	1.194	1.761	0.07823
16	rs8053060	84540490	A	ADD	5065	0.9996	0.05438	0.8986	1.112	-0.006479	0.9948
16	84540536	84540536	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84540547	84540547	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs6540234	84540557	T	ADD	7328	1.041	0.03895	0.9649	1.124	1.043	0.2971
16	rs8049187	84540779	T	ADD	5085	1.061	0.04423	0.9729	1.157	1.338	0.1807
16	rs8062690	84540827	G	ADD	5014	0.8667	0.05117	0.784	0.9581	-2.796	0.005172
16	rs8053604	84540842	T	ADD	4311	1.06	0.04795	0.9649	1.164	1.215	0.2243
16	84541049	84541049	G	ADD	7371	3.86E-10	2.44E+04	0	inf	-0.0008891	0.9993
16	84541077	84541077	O	ADD	7055	NA	NA	NA	NA	NA	NA
16	84541142	84541142	G	ADD	7381	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993
16	84541177	84541177	C	ADD	4188	0.905	0.04627	0.8265	0.9909	-2.158	0.03096
16	84541179	84541179	T	ADD	4187	0.9061	0.04628	0.8275	0.9921	-2.131	0.03309
16	84541180	84541180	C	ADD	4187	0.9061	0.04628	0.8275	0.9921	-2.131	0.03309
16	rs2361768	84541181	G	ADD	4187	0.9061	0.04628	0.8275	0.9921	-2.131	0.03309
16	84541385	84541385	A	ADD	7372	3.87E-10	2.44E+04	0	inf	-0.0008891	0.9993
16	84541450	84541450	G	ADD	7333	0.7452	1.42	0.04609	12.05	-0.2071	0.8359
16	rs55739703	84541492	G	ADD	7319	0.9557	0.1158	0.7617	1.199	-0.3913	0.6956
16	rs870614	84541516	A	ADD	5842	0.974	0.05559	0.8734	1.086	-0.4742	0.6354
16	rs8047292	84541556	T	ADD	7380	0.6586	0.6359	0.1894	2.291	-0.6567	0.5114
16	rs908988	84542101	G	ADD	7353	1.032	0.03818	0.958	1.113	0.8354	0.4035
16	rs8060078	84542153	T	ADD	7362	1.88	0.5899	0.5916	5.973	1.07	0.2846
16	rs908987	84542390	T	ADD	6955	1.031	0.03924	0.9544	1.113	0.7696	0.4416
16	rs908986	84542429	G	ADD	7356	1.048	0.03869	0.9712	1.13	1.204	0.2285
16	rs908985	84542503	T	ADD	7360	1.046	0.03868	0.9697	1.129	1.166	0.2438
16	84542511	84542511	A	ADD	7358	0.6902	0.6196	0.2049	2.325	-0.5984	0.5496
16	rs908984	84542530	T	ADD	7378	1.048	0.03867	0.9716	1.131	1.216	0.224
16	rs57670691	84542583	A	ADD	7332	0.9108	0.1108	0.733	1.132	-0.8431	0.3992
16	rs57396687	84542701	A	ADD	7338	0.9359	0.1119	0.7516	1.165	-0.5921	0.5538
16	rs1915034	84542858	A	ADD	7368	1.056	0.03971	0.9773	1.142	1.382	0.167
16	rs4240807	84542862	A	ADD	7354	1.059	0.03973	0.9793	1.144	1.434	0.1514
16	rs1915033	84542932	A	ADD	7337	1.048	0.03871	0.9716	1.131	1.215	0.2242
16	84542936	84542936	T	ADD	7380	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84542966	84542966	C	ADD	7380	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993
16	rs4843871	84543036	G	ADD	7332	1.038	0.03831	0.9632	1.119	0.9807	0.3267
16	rs4843872	84543172	A	ADD	7363	1.045	0.03864	0.9684	1.127	1.128	0.2592
16	84543226	84543226	A	ADD	7383	7.95E+08	2.44E+04	0	inf	0.0008406	0.9993
16	rs10863201	84543272	C	ADD	7119	1.038	0.03881	0.9622	1.12	0.9661	0.334
16	rs58073431	84543416	C	ADD	7339	0.9267	0.112	0.744	1.154	-0.6795	0.4968
16	rs59821663	84543420	A	ADD	7339	0.9267	0.112	0.744	1.154	-0.6795	0.4968
16	84543445	84543445	O	ADD	7377	NA	NA	NA	NA	NA	NA
16	84543446	84543446	O	ADD	7377	NA	NA	NA	NA	NA	NA
16	rs59403904	84543458	T	ADD	7250	1.074	0.1343	0.8255	1.397	0.5321	0.5947
16	84543506	84543506	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84543518	84543518	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs58189590	84543560	A	ADD	7332	0.9201	0.1118	0.739	1.146	-0.7444	0.4566
16	rs57426547	84543596	T	ADD	7332	0.9201	0.1118	0.739	1.146	-0.7444	0.4566
16	84543660	84543660	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs73268906	84544188	G	ADD	7333	0.9268	0.112	0.7441	1.154	-0.6789	0.4972
16	rs73268908	84544290	A	ADD	7342	0.9328	0.1122	0.7487	1.162	-0.6197	0.5355
16	rs73268912	84544401	A	ADD	7337	0.9413	0.1119	0.7559	1.172	-0.54	0.5892
16	84544635	84544635	T	ADD	7338	0.5952	0.6644	0.1618	2.189	-0.7809	0.4348
16	84544641	84544641	O	ADD	7382	NA	NA	NA	NA	NA	NA
16	84544743	84544743	G	ADD	7380	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993
16	rs59120392	84544797	T	ADD	7345	0.9369	0.112	0.7522	1.167	-0.5816	0.5608
16	rs57278440	84544999	C	ADD	7346	0.9367	0.112	0.7521	1.167	-0.5832	0.5598
16	rs10863202	84545499	A	ADD	7257	1.045	0.03847	0.969	1.127	1.14	0.2542
16	rs8060960	84545861	T	ADD	7329	1.03	0.03878	0.9548	1.112	0.7672	0.443
16	rs8048151	84546099	C	ADD	7315	1.048	0.03933	0.9699	1.132	1.182	0.2371
16	84546166	84546166	A	ADD	7342	0.5886	0.8885	0.1032	3.358	-0.5965	0.5508
16	84546175	84546175	A	ADD	7380	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993
16	rs73268923	84546268	T	ADD	7344	0.9464	0.1123	0.7594	1.18	-0.4902	0.624
16	84546359	84546359	A	ADD	7338	0.9344	0.112	0.7503	1.164	-0.6058	0.5446
16	rs6540235	84546396	T	ADD	7337	1.045	0.03835	0.9694	1.127	1.15	0.25
16	84546553	84546553	O	ADD	7357	NA	NA	NA	NA	NA	NA
16	rs7186247	84546570	T	ADD	7329	1.042	0.03835	0.9668	1.124	1.079	0.2807
16	84546654	84546654	G	ADD	7289	0.9143	0.4607	0.3706	2.255	-0.1945	0.8458
16	rs7199472	84546685	G	ADD	7373	1.034	0.03824	0.9598	1.115	0.8859	0.3756
16	rs11640143	84546965	C	ADD	7354	0.8339	0.07328	0.7223	0.9627	-2.479	0.01318
16	84547130	84547130	T	ADD	7312	1.14	1.478	0.0629	20.65	0.08836	0.9296
16	84547216	84547216	T	ADD	7384	1.673	1.157	0.1734	16.14	0.4449	0.6564
16	rs4843873	84547276	A	ADD	7354	1.054	0.03894	0.9762	1.137	1.34	0.1801
16	84547352	84547352	A	ADD	7289	1.515	0.3814	0.7174	3.199	1.089	0.2761
16	rs4843874	84547399	C	ADD	7360	1.044	0.03888	0.9673	1.127	1.106	0.2689
16	rs4843875	84547443	T	ADD	5785	1.012	0.05698	0.9053	1.132	0.2146	0.8301
16	84547570	84547570	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	84547601	84547601	C	ADD	7343	0.5889	0.8885	0.1032	3.36	-0.5959	0.5513
16	rs73268928	84547653	G	ADD	7325	0.9632	0.1143	0.7699	1.205	-0.3277	0.7432
16	84547657	84547657	O	ADD	7354	NA	NA	NA	NA	NA	NA
16	rs11117426	84547768	C	ADD	7292	0.8403	0.04616	0.7676	0.9199	-3.769	0.0001636
16	84547926	84547926	C	ADD	7382	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993
16	rs11117427	84548058	A	ADD	7253	0.8414	0.0467	0.7678	0.922	-3.698	0.000217
16	rs925992	84548081	T	ADD	7152	1.045	0.03953	0.9667	1.129	1.104	0.2695
16	84548374	84548374	T	ADD	7383	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993
16	84548382	84548382	C	ADD	7308	0.3806	0.7189	0.093	1.557	-1.344	0.179
16	rs8057009	84548424	G	ADD	7371	1.022	0.03995	0.9448	1.105	0.5377	0.5908

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs6540236	84548591	A	ADD	7276	1.053	0.03925	0.9747	1.137	1.308	0.1907
16	rs12445476	84548770	G	ADD	7380	0.8362	0.04631	0.7636	0.9156	-3.864	0.0001115
16	84548866	84548866	G	ADD	7377	9.375	1.095	1.097	80.11	2.045	0.04089
16	84548901	84548901	T	ADD	5827	0.9966	0.1084	0.8058	1.232	-0.03155	0.9748
16	rs7185590	84549154	A	ADD	7337	1.376	0.3336	0.7158	2.647	0.9576	0.3383
16	rs11642873	84549206	C	ADD	7319	0.839	0.04706	0.7651	0.9201	-3.73	0.0001916
16	84549320	84549320	C	ADD	6323	0.6861	0.2334	0.4342	1.084	-1.614	0.1065
16	rs6540238	84549328	A	ADD	7239	1.051	0.03925	0.9728	1.135	1.256	0.2091
16	rs12444486	84550150	C	ADD	7281	0.9284	0.03537	0.8663	0.9951	-2.1	0.03576
16	rs4843876	84550233	T	ADD	7375	1.043	0.03845	0.9674	1.125	1.097	0.2726
16	rs11117428	84550330	C	ADD	7091	1.048	0.04222	0.9646	1.138	1.107	0.2683
16	rs2361764	84550459	G	ADD	7248	1.045	0.0387	0.9687	1.127	1.138	0.2552
16	84550594	84550594	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs2361763	84550635	T	ADD	7296	0.9348	0.03531	0.8723	1.002	-1.909	0.05626
16	rs2885364	84550691	A	ADD	7277	1.044	0.03865	0.9678	1.126	1.112	0.266
16	rs4843877	84550733	C	ADD	7260	1.032	0.03869	0.9564	1.113	0.8068	0.4198
16	rs35929052	84551985	T	ADD	7077	0.8292	0.05918	0.7384	0.9312	-3.165	0.001549
16	rs908983	84552021	C	ADD	7373	1.053	0.038	0.9772	1.134	1.353	0.176
16	rs883332	84552225	C	ADD	7381	1.054	0.2201	0.6845	1.622	0.2379	0.812
16	rs34347181	84552262	O	ADD	7382	NA	NA	NA	NA	NA	NA
16	rs2049086	84552380	T	ADD	7105	1.041	0.03894	0.9647	1.124	1.038	0.2994
16	rs908982	84552384	A	ADD	7124	1.041	0.03881	0.965	1.123	1.041	0.298
16	84552424	84552424	O	ADD	7384	NA	NA	NA	NA	NA	NA
16	rs8044852	84552728	A	ADD	7278	1.028	0.03784	0.9549	1.108	0.7391	0.4598
16	rs908981	84552926	T	ADD	7365	1.033	0.03764	0.9593	1.112	0.8556	0.3922
16	84552937	84552937	C	ADD	6916	0.7798	0.08064	0.6658	0.9134	-3.083	0.002046
16	rs12446139	84553085	G	ADD	7365	1.033	0.03764	0.9593	1.112	0.8556	0.3922
16	84553110	84553110	C	ADD	7308	0.9673	0.1177	0.7681	1.218	-0.2828	0.7774
16	rs12919427	84553160	A	ADD	7365	1.033	0.03764	0.9593	1.112	0.8556	0.3922
16	rs12930405	84553163	C	ADD	7365	1.033	0.03764	0.9593	1.112	0.8556	0.3922
16	rs11642456	84553581	T	ADD	7364	1.033	0.03765	0.9596	1.112	0.8658	0.3866
16	84553752	84553752	T	ADD	7338	0.746	1.42	0.04614	12.06	-0.2063	0.8365
16	rs11649461	84553758	C	ADD	7139	1.03	0.03777	0.9565	1.109	0.7838	0.4332
16	84553776	84553776	T	ADD	7372	1.268	0.6836	0.3321	4.842	0.3474	0.7283
16	rs11645398	84553796	G	ADD	7220	1.037	0.03825	0.9619	1.118	0.9454	0.3444
16	84554094	84554094	C	ADD	7379	4.18E-10	2.44E+04	0	inf	-0.0008859	0.9993
16	rs4843324	84554392	O	ADD	7370	NA	NA	NA	NA	NA	NA
16	rs11643829	84554502	C	ADD	4795	1.042	0.04505	0.9539	1.138	0.9131	0.3612
16	rs35615495	84554505	T	ADD	5308	0.9529	0.06139	0.8449	1.075	-0.7854	0.4322
16	rs11640586	84554529	C	ADD	4388	1.143	0.04776	1.041	1.255	2.792	0.005231
16	rs59015387	84554628	A	ADD	7375	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993
16	84554776	84554776	T	ADD	7316	2.293	0.9212	0.3769	13.95	0.9007	0.3677
16	rs12019053	84554782	G	ADD	5163	0.9446	0.06153	0.8373	1.066	-0.9255	0.3547
16	84554944	84554944	C	ADD	4014	1.019	0.05078	0.9227	1.126	0.3764	0.7066
16	84554954	84554954	C	ADD	3600	0.9973	0.05765	0.8908	1.117	-0.04647	0.9629
16	rs11860050	84555097	A	ADD	5228	0.9477	0.06198	0.8393	1.07	-0.8663	0.3863
16	84555268	84555268	O	ADD	7383	NA	NA	NA	NA	NA	NA
16	rs12446834	84555541	C	ADD	4674	1.02	0.04471	0.9346	1.114	0.4482	0.654
16	rs55906426	84555779	C	ADD	6246	1.056	0.04518	0.9665	1.154	1.207	0.2275
16	rs12019051	84555863	G	ADD	4672	1.021	0.04471	0.935	1.114	0.4562	0.6482
16	84555917	84555917	O	ADD	7369	NA	NA	NA	NA	NA	NA
16	84556011	84556011	O	ADD	7374	NA	NA	NA	NA	NA	NA
16	rs16940146	84556487	G	ADD	7376	8.573	1.107	0.9793	75.06	1.941	0.05225

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84556512	84556512	0	ADD	7383	NA	NA	NA	NA	NA	NA
16	rs34445961	84556804	G	ADD	4033	1.073	0.04964	0.9735	1.183	1.419	0.156
16	rs34256051	84556806	C	ADD	4057	1.055	0.04932	0.9582	1.163	1.093	0.2742
16	84556855	84556855	T	ADD	7371	8.38E-10	1.65E+04	0	inf	-0.001269	0.999
16	rs62051883	84556897	A	ADD	7188	1.09	0.3421	0.5573	2.13	0.2506	0.8021
16	rs59276136	84556910	A	ADD	4587	1.018	0.04517	0.9317	1.112	0.394	0.6936
16	84557150	84557150	0	ADD	7376	NA	NA	NA	NA	NA	NA
16	rs11863308	84557298	T	ADD	7375	3.87E-10	2.44E+04	0	inf	-0.000889	0.9993
16	84557332	84557332	C	ADD	7048	0.7847	0.358	0.389	1.583	-0.6774	0.4982
16	84557466	84557466	G	ADD	7375	5.96E-10	1.18E+04	0	inf	-0.001798	0.9986
16	rs12598292	84557532	T	ADD	5618	0.9116	0.2307	0.58	1.433	-0.4015	0.6881
16	rs8053185	84557593	G	ADD	4409	1.018	0.04642	0.9296	1.115	0.3883	0.6978
16	rs12446659	84557863	T	ADD	4361	1.01	0.04674	0.9216	1.107	0.2131	0.8312
16	rs35867147	84557883	A	ADD	5226	0.9455	0.06311	0.8355	1.07	-0.8874	0.3749
16	84557898	84557898	0	ADD	7360	NA	NA	NA	NA	NA	NA
16	rs12446684	84557908	T	ADD	4386	1.015	0.04655	0.9267	1.112	0.3254	0.7449
16	rs12444385	84557964	A	ADD	4357	1.009	0.04676	0.9208	1.106	0.1954	0.8451
16	84558091	84558091	C	ADD	4355	1.01	0.04677	0.9215	1.107	0.2111	0.8328
16	rs9924246	84558107	C	ADD	4355	1.01	0.04677	0.9215	1.107	0.2111	0.8328
16	84558180	84558180	C	ADD	3185	0.9974	0.05533	0.8949	1.112	-0.04631	0.9631
16	84558188	84558188	C	ADD	3817	1.04	0.05066	0.9417	1.149	0.7751	0.4383
16	rs9926350	84558192	A	ADD	2490	1.145	0.06285	1.012	1.295	2.153	0.03135
16	rs9934574	84558465	T	ADD	5203	0.9451	0.06321	0.835	1.07	-0.893	0.3719
16	rs9941263	84558545	G	ADD	4359	1.013	0.04667	0.9246	1.11	0.2802	0.7793
16	rs9934725	84558585	T	ADD	4358	1.013	0.04667	0.9244	1.11	0.2765	0.7822
16	84558619	84558619	T	ADD	7287	0.3811	0.7189	0.09314	1.56	-1.342	0.1797
16	rs9938885	84558713	G	ADD	4342	1.016	0.0468	0.9271	1.114	0.3425	0.732
16	rs11648475	84558762	G	ADD	3596	0.9497	0.0506	0.86	1.049	-1.021	0.3074
16	rs74032515	84558875	G	ADD	7048	0.7847	0.358	0.389	1.583	-0.6774	0.4982
16	rs74032517	84558990	0	ADD	7383	NA	NA	NA	NA	NA	NA
16	rs72807046	84559122	T	ADD	6488	0.7408	0.2146	0.4864	1.128	-1.398	0.1621
16	84559204	84559204	C	ADD	7366	2.267	1.12	0.2525	20.36	0.731	0.4648
16	84559353	84559353	A	ADD	7225	2.987	1.213	0.2774	32.16	0.9024	0.3669
16	rs11860004	84559380	A	ADD	3862	0.9569	0.06475	0.8428	1.086	-0.681	0.4959
16	rs34912238	84559404	T	ADD	6905	0.8118	0.04748	0.7396	0.8909	-4.392	1.12E-05
16	rs35655122	84559618	T	ADD	5249	0.9522	0.06295	0.8417	1.077	-0.7778	0.4367
16	rs11862493	84559626	C	ADD	5248	0.954	0.06297	0.8432	1.079	-0.748	0.4544
16	rs11859186	84559852	C	ADD	5053	1.008	0.07011	0.8783	1.156	0.1084	0.9137

Table S5. Conditioning on rs4843869

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs11861580	84456048	G	ADD	7300	0.8747	0.06893	0.7641	1.001	-1.942	0.05208
16	rs9934049	84456117	T	ADD	6031	1.116	0.09567	0.9252	1.346	1.147	0.2515
16	84456852	84456852	A	ADD	7360	0.7769	0.3067	0.4259	1.417	-0.8232	0.4104
16	84457076	84457076	T	ADD	7345	1.46E+09	1.67E+04	0	inf	0.001267	0.999
16	rs16939834	84458109	C	ADD	7363	0.7769	0.2356	0.4896	1.233	-1.071	0.284
16	84458146	84458146	A	ADD	7356	9.80E+08	1.72E+04	0	inf	0.001201	0.999
16	rs11864884	84458540	T	ADD	7356	1.004	0.03844	0.9308	1.082	0.09345	0.9255
16	rs7185918	84458566	T	ADD	7362	1.022	0.04303	0.9397	1.112	0.515	0.6065
16	84458726	84458726	C	ADD	7338	1.272	0.1951	0.868	1.865	1.234	0.217
16	rs72805167	84458737	G	ADD	7189	1.302	0.4354	0.5547	3.057	0.6064	0.5443
16	84458834	84458834	O	ADD	6364	NA	NA	NA	NA	NA	NA
16	rs11859433	84458903	C	ADD	7315	0.8715	0.06964	0.7603	0.999	-1.975	0.04828
16	84459157	84459157	G	ADD	7047	0.85	0.07112	0.7394	0.9772	-2.285	0.02233
16	rs12926601	84459167	T	ADD	7089	1.046	0.04426	0.9595	1.141	1.026	0.3047
16	rs4843854	84460016	C	ADD	7336	1.038	0.03597	0.9672	1.114	1.032	0.3019
16	rs4843855	84460047	T	ADD	6847	1.002	0.03922	0.9279	1.082	0.0514	0.959
16	rs4843856	84460058	C	ADD	7340	1.016	0.03515	0.9486	1.089	0.4581	0.6469
16	rs12930347	84461177	C	ADD	7358	1.027	0.04182	0.9461	1.115	0.6349	0.5255
16	84461320	84461320	O	ADD	7363	NA	NA	NA	NA	NA	NA
16	rs62052470	84461723	A	ADD	6813	0.8578	0.09499	0.712	1.033	-1.615	0.1063
16	84461729	84461729	O	ADD	7366	NA	NA	NA	NA	NA	NA
16	rs62052471	84462333	G	ADD	6607	0.906	0.1154	0.7226	1.136	-0.8548	0.3926
16	84462405	84462405	A	ADD	6273	1.015	0.04431	0.9309	1.107	0.3443	0.7306
16	84462407	84462407	A	ADD	5646	1.037	0.04888	0.9418	1.141	0.7343	0.4628
16	84462423	84462423	A	ADD	5143	1.031	0.1262	0.8051	1.32	0.2416	0.8091
16	84462425	84462425	A	ADD	3722	1.18	0.09277	0.9835	1.415	1.781	0.07493
16	84462437	84462437	C	ADD	3961	1.114	0.09838	0.9185	1.351	1.095	0.2733
16	84462507	84462507	C	ADD	4975	1.086	0.1003	0.8923	1.322	0.8245	0.4096
16	84462539	84462539	C	ADD	7085	0.8944	0.1162	0.7122	1.123	-0.9604	0.3368
16	rs55697192	84462546	C	ADD	6019	1.027	0.07288	0.89	1.184	0.3614	0.7178
16	84463073	84463073	A	ADD	6673	1.385	0.2282	0.8855	2.166	1.427	0.1536
16	84463237	84463237	T	ADD	7202	0.8721	0.1952	0.5948	1.279	-0.7011	0.4832
16	rs12935659	84463429	C	ADD	7341	0.9721	0.03802	0.9023	1.047	-0.7444	0.4566
16	84463607	84463607	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs72805168	84463633	C	ADD	7231	1.3	0.974	0.1928	8.772	0.2697	0.7874
16	rs62052474	84463910	A	ADD	7335	0.8368	0.06665	0.7344	0.9536	-2.673	0.007524
16	84463953	84463953	T	ADD	7321	0.8944	1.415	0.05581	14.33	-0.07884	0.9372
16	84463987	84463987	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84464105	84464105	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs11648716	84464117	G	ADD	7366	0.8474	0.06576	0.7449	0.964	-2.517	0.01183
16	rs8056522	84464397	C	ADD	7357	1.03	0.04358	0.9457	1.122	0.6793	0.4969
16	rs9929675	84464599	A	ADD	7333	0.9767	0.03827	0.9061	1.053	-0.6172	0.5371
16	rs9929701	84464675	C	ADD	7334	0.9769	0.03827	0.9063	1.053	-0.6098	0.542
16	rs9924234	84465076	C	ADD	7338	0.9782	0.03826	0.9076	1.054	-0.5755	0.565
16	rs9930043	84465079	C	ADD	7345	0.9772	0.03825	0.9067	1.053	-0.6017	0.5474
16	84465151	84465151	C	ADD	7304	1.041	0.04321	0.9568	1.133	0.9381	0.3482
16	rs9932359	84465411	A	ADD	7337	0.978	0.03826	0.9074	1.054	-0.5812	0.5611
16	rs12448297	84467210	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs13336885	84469034	C	ADD	7217	0.9794	0.03843	0.9084	1.056	-0.5405	0.5888
16	rs7200396	84469798	C	ADD	7338	0.9712	0.038	0.9015	1.046	-0.7686	0.4421
16	rs9923975	84469936	G	ADD	7323	1.05	0.04392	0.9638	1.145	1.121	0.2623
16	rs9932159	84470103	T	ADD	7341	0.9716	0.03812	0.9016	1.047	-0.7563	0.4495
16	rs9936199	84470118	G	ADD	7341	0.9713	0.038	0.9016	1.046	-0.7672	0.443

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs750669	84470371	G	ADD	7295	1.013	0.03538	0.9452	1.086	0.3682	0.7127
16	rs2017161	84470594	C	ADD	7198	0.9641	0.03817	0.8946	1.039	-0.9568	0.3387
16	84470606	84470606	A	ADD	7326	1.008	0.03517	0.9412	1.08	0.2369	0.8127
16	84471137	84471137	G	ADD	7340	8.00E+08	1.72E+04	0	inf	0.001189	0.9991
16	84471981	84471981	T	ADD	6623	0.868	0.1337	0.6679	1.128	-1.059	0.2895
16	84472217	84472217	T	ADD	6942	3.98E-10	2.44E+04	0	inf	-0.0008878	0.9993
16	rs55967832	84472469	C	ADD	7129	1.006	0.0356	0.9383	1.079	0.1696	0.8653
16	rs9925103	84472609	G	ADD	7034	0.8155	0.2308	0.5188	1.282	-0.8834	0.377
16	rs34318854	84472707	C	ADD	7128	1.006	0.03559	0.9383	1.079	0.1693	0.8655
16	rs34723871	84472711	C	ADD	7128	1.006	0.03559	0.9383	1.079	0.1693	0.8655
16	rs56143130	84472719	C	ADD	7128	1.006	0.03559	0.9383	1.079	0.1693	0.8655
16	rs9925282	84472806	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs9931862	84472878	T	ADD	7134	1.07	0.04411	0.9818	1.167	1.544	0.1225
16	rs9931687	84473282	A	ADD	7348	1.09	0.04365	1.001	1.188	1.978	0.04795
16	rs6540231	84473561	G	ADD	7323	0.9957	0.03513	0.9294	1.067	-0.124	0.9013
16	84473745	84473745	O	ADD	6374	NA	NA	NA	NA	NA	NA
16	84474001	84474001	C	ADD	6374	0.946	0.04455	0.8669	1.032	-1.245	0.213
16	84474531	84474531	C	ADD	6673	0.8714	0.8632	0.1605	4.732	-0.1594	0.8734
16	rs367170	84474588	A	ADD	4813	1.184	0.09866	0.9762	1.437	1.716	0.08614
16	rs409219	84474592	T	ADD	4737	1.34	0.1207	1.058	1.698	2.425	0.01533
16	84474714	84474714	C	ADD	5032	1.061	0.05747	0.9476	1.187	1.023	0.3065
16	rs62052475	84474717	C	ADD	5041	1.062	0.0573	0.9489	1.188	1.045	0.2958
16	84474721	84474721	C	ADD	5720	1.048	0.1593	0.767	1.432	0.2947	0.7682
16	rs426900	84474799	C	ADD	6735	0.9894	0.07632	0.852	1.149	-0.1393	0.8892
16	rs9937847	84475052	C	ADD	7352	0.9816	0.06673	0.8613	1.119	-0.2783	0.7808
16	rs16939877	84475320	A	ADD	6787	0.8473	0.1117	0.6807	1.055	-1.484	0.1377
16	rs376783	84475324	A	ADD	7359	1.097	0.04132	1.012	1.19	2.246	0.02471
16	rs428578	84475445	G	ADD	7263	1.017	0.03627	0.9468	1.091	0.4534	0.6503
16	84475528	84475528	A	ADD	7003	0.7633	0.2024	0.5133	1.135	-1.335	0.182
16	rs371800	84475621	T	ADD	7339	1.169	0.09123	0.9778	1.398	1.714	0.08648
16	rs447377	84476336	G	ADD	7336	1.014	0.03611	0.9443	1.088	0.3736	0.7087
16	rs9936406	84476343	T	ADD	7361	0.9868	0.03712	0.9176	1.061	-0.3579	0.7204
16	84476544	84476544	C	ADD	7301	0.9715	0.06961	0.8476	1.113	-0.4156	0.6777
16	rs439390	84476707	G	ADD	7101	0.9992	0.03669	0.9299	1.074	-0.02105	0.9832
16	84476754	84476754	C	ADD	7324	0.8025	0.07751	0.6894	0.9342	-2.839	0.00453
16	rs9928868	84476971	C	ADD	7323	1.134	0.5866	0.3591	3.579	0.2138	0.8307
16	rs384915	84477113	A	ADD	7306	1.136	0.0937	0.9454	1.365	1.361	0.1736
16	84477167	84477167	C	ADD	4695	0.9236	0.07419	0.7986	1.068	-1.071	0.2843
16	84477725	84477725	A	ADD	7357	3.661	1.281	0.2974	45.06	1.013	0.311
16	rs438968	84477729	C	ADD	7315	1.01	0.036	0.9416	1.084	0.2874	0.7738
16	rs12596376	84477898	C	ADD	7243	0.9892	0.03975	0.9151	1.069	-0.2723	0.7854
16	rs370703	84477981	T	ADD	7356	1.012	0.03598	0.943	1.086	0.3278	0.7431
16	84478065	84478065	G	ADD	7340	0.5878	0.7949	0.1238	2.791	-0.6686	0.5038
16	rs395922	84478180	C	ADD	6961	1.079	0.09489	0.8959	1.3	0.8011	0.4231
16	rs6540232	84478303	C	ADD	7264	0.9895	0.0373	0.9197	1.065	-0.2828	0.7773
16	84478601	84478601	C	ADD	7340	1.165	0.09506	0.9672	1.404	1.609	0.1077
16	rs448136	84478848	C	ADD	6976	0.9925	0.03617	0.9245	1.065	-0.2093	0.8342
16	84478905	84478905	C	ADD	7362	0.8511	0.2988	0.4739	1.529	-0.5395	0.5896
16	rs11642286	84479110	G	ADD	7363	0.7995	0.07564	0.6893	0.9272	-2.959	0.003087
16	rs391821	84479528	T	ADD	7060	1.025	0.09524	0.8508	1.236	0.263	0.7925
16	rs428530	84480360	G	ADD	7309	1.143	0.09178	0.9552	1.369	1.46	0.1442
16	rs11866609	84480582	G	ADD	7365	1.374	0.394	0.6347	2.973	0.8059	0.4203
16	rs421710	84481015	C	ADD	7363	1.007	0.03597	0.9385	1.081	0.1953	0.8452

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs9308363	84481566	C	ADD	7322	0.9855	0.03683	0.9169	1.059	-0.3963	0.6919
16	84481963	84481963	A	ADD	6866	0.8019	0.3322	0.4182	1.538	-0.6646	0.5063
16	rs433322	84482073	G	ADD	7303	1.01	0.03597	0.9416	1.084	0.2868	0.7743
16	rs11860464	84482464	T	ADD	7214	0.9703	0.5243	0.3473	2.711	-0.0575	0.9541
16	84482479	84482479	C	ADD	7315	0.9863	0.03686	0.9176	1.06	-0.3741	0.7083
16	84482626	84482626	O	ADD	7088	NA	NA	NA	NA	NA	NA
16	rs401528	84482872	G	ADD	7278	1.15	0.08885	0.9661	1.369	1.571	0.1161
16	rs7193803	84483174	G	ADD	7364	0.9844	0.03685	0.9158	1.058	-0.4263	0.6699
16	84483336	84483336	O	ADD	7355	NA	NA	NA	NA	NA	NA
16	rs11117411	84483439	T	ADD	7279	0.8015	0.07719	0.6889	0.9324	-2.867	0.004138
16	rs437740	84483537	C	ADD	7340	1.142	0.09277	0.9521	1.37	1.431	0.1524
16	84483596	84483596	A	ADD	7162	0.7309	0.2065	0.4876	1.096	-1.518	0.1291
16	rs438323	84483902	C	ADD	7338	1.145	0.09286	0.9549	1.374	1.463	0.1436
16	rs12922615	84484196	T	ADD	7267	0.9455	0.07069	0.8232	1.086	-0.7923	0.4282
16	rs394100	84484220	A	ADD	7159	1.102	0.08952	0.9244	1.313	1.082	0.2791
16	rs395498	84484222	G	ADD	7279	1.017	0.03607	0.9474	1.091	0.461	0.6448
16	rs452478	84484245	G	ADD	7337	1.138	0.09273	0.9493	1.365	1.399	0.1619
16	rs452532	84484267	G	ADD	7336	1.144	0.09284	0.9537	1.372	1.45	0.1471
16	rs11117412	84484343	A	ADD	7065	1.009	0.0405	0.932	1.092	0.2212	0.8249
16	rs434216	84484514	C	ADD	7010	1.008	0.03632	0.9383	1.082	0.2068	0.8362
16	rs1809094	84484727	A	ADD	6668	1.024	0.04373	0.9394	1.115	0.5315	0.5951
16	84484809	84484809	G	ADD	7231	1.58	0.3737	0.7596	3.287	1.224	0.2208
16	rs572967	84484995	G	ADD	7226	0.9955	0.03668	0.9264	1.07	-0.1233	0.9019
16	rs896263	84485020	G	ADD	7360	1.05	0.03959	0.9712	1.134	1.221	0.222
16	rs403605	84485129	A	ADD	7353	0.9407	0.0601	0.8361	1.058	-1.018	0.3089
16	rs454128	84485236	G	ADD	7010	1.018	0.03994	0.9418	1.101	0.4584	0.6467
16	rs391023	84485315	T	ADD	7313	1.032	0.03605	0.9611	1.107	0.8602	0.3897
16	rs375288	84485372	A	ADD	7248	1.01	0.03697	0.9395	1.086	0.2722	0.7855
16	rs446836	84485520	T	ADD	7017	0.7327	0.2987	0.408	1.316	-1.041	0.2977
16	rs873616	84485667	G	ADD	7039	1.093	0.0456	0.9996	1.195	1.95	0.05116
16	84485701	84485701	O	ADD	7366	NA	NA	NA	NA	NA	NA
16	rs60241040	84486065	G	ADD	7294	1.08	0.04463	0.9894	1.179	1.722	0.08509
16	rs391855	84486122	T	ADD	7356	1.019	0.03516	0.9511	1.092	0.535	0.5926
16	rs12149363	84486206	G	ADD	7290	0.9422	0.07053	0.8205	1.082	-0.8448	0.3982
16	rs386098	84486701	A	ADD	7167	0.9461	0.06912	0.8262	1.083	-0.8022	0.4224
16	rs369173	84486783	G	ADD	7361	1.021	0.0349	0.9535	1.093	0.5962	0.551
16	rs398114	84486785	C	ADD	7148	1.023	0.03547	0.9544	1.097	0.6453	0.5187
16	rs369597	84486935	C	ADD	7350	0.9419	0.0687	0.8232	1.078	-0.8718	0.3833
16	rs9924391	84487331	T	ADD	7359	0.9302	0.06963	0.8116	1.066	-1.039	0.2989
16	rs9932449	84487333	A	ADD	7356	0.9361	0.06865	0.8183	1.071	-0.9615	0.3363
16	rs371391	84487395	C	ADD	7356	0.9473	0.06889	0.8276	1.084	-0.7866	0.4315
16	rs388405	84487398	A	ADD	7365	0.9325	0.06834	0.8156	1.066	-1.023	0.3061
16	rs28368111	84487756	C	ADD	7327	1.643	0.4202	0.721	3.743	1.181	0.2375
16	84487779	84487779	T	ADD	7310	9.84E+08	1.72E+04	0	inf	0.001201	0.999
16	rs381139	84487901	C	ADD	7252	0.9407	0.0699	0.8202	1.079	-0.875	0.3816
16	rs393512	84488072	C	ADD	7308	0.9258	0.06826	0.8098	1.058	-1.13	0.2586
16	rs416515	84488175	C	ADD	7301	0.9367	0.06988	0.8168	1.074	-0.9365	0.349
16	rs398229	84488191	A	ADD	7301	0.9367	0.06988	0.8168	1.074	-0.9365	0.349
16	84488361	84488361	C	ADD	1974	1.126	0.123	0.8849	1.433	0.9658	0.3341
16	84488362	84488362	C	ADD	3752	0.9901	0.12	0.7825	1.253	-0.08301	0.9338
16	rs28368112	84488458	C	ADD	6963	1.1	0.04447	1.008	1.2	2.145	0.03197
16	84488780	84488780	C	ADD	7083	0.5506	0.328	0.2895	1.047	-1.819	0.06894
16	rs170033	84489005	A	ADD	6632	0.9785	0.06626	0.8593	1.114	-0.3283	0.7427

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84489382	84489382	0	ADD	7366	NA	NA	NA	NA	NA	NA
16	rs4843859	84489457	G	ADD	7286	1.086	0.04305	0.9983	1.182	1.92	0.05488
16	rs8058349	84489530	G	ADD	7335	0.879	0.07114	0.7646	1.01	-1.814	0.06974
16	rs191022	84489633	G	ADD	7236	1.046	0.0393	0.9683	1.13	1.14	0.2544
16	rs188602	84489852	T	ADD	7214	0.9166	0.06969	0.7996	1.051	-1.249	0.2116
16	rs422186	84489971	A	ADD	7317	0.9217	0.07024	0.8031	1.058	-1.161	0.2456
16	rs56177354	84490153	T	ADD	6667	0.8013	0.2986	0.4463	1.439	-0.7417	0.4583
16	rs2270501	84490489	T	ADD	7358	1.09	0.04494	0.9985	1.191	1.927	0.05401
16	rs2270502	84490539	T	ADD	7178	0.9124	0.07536	0.7871	1.058	-1.217	0.2235
16	84490567	84490567	0	ADD	7358	NA	NA	NA	NA	NA	NA
16	84490724	84490724	A	ADD	7309	1.001	1.065	0.1241	8.076	0.0008653	0.9993
16	84491082	84491082	A	ADD	7279	1.227	0.09634	1.016	1.482	2.121	0.03389
16	rs56196648	84491219	A	ADD	6585	1.004	0.1349	0.7709	1.308	0.03171	0.9747
16	rs305084	84491669	C	ADD	7296	1.1	0.05891	0.9799	1.234	1.615	0.1064
16	rs12447817	84491725	A	ADD	5183	1.216	0.148	0.9097	1.625	1.321	0.1866
16	84491886	84491886	G	ADD	7325	2.548	0.3879	1.191	5.45	2.411	0.0159
16	84491947	84491947	0	ADD	7367	NA	NA	NA	NA	NA	NA
16	84492016	84492016	C	ADD	7161	0.9412	0.07393	0.8143	1.088	-0.8193	0.4126
16	rs1519978	84492712	T	ADD	7332	0.9878	0.04694	0.901	1.083	-0.2608	0.7942
16	rs16939906	84493007	A	ADD	7290	1.387	0.5756	0.449	4.287	0.5689	0.5694
16	84493033	84493033	C	ADD	5844	0.8065	0.2732	0.4721	1.378	-0.7873	0.4311
16	rs16882	84493074	C	ADD	7354	0.9829	0.04679	0.8967	1.077	-0.3695	0.7118
16	rs11649549	84493298	C	ADD	7345	0.9796	0.04682	0.8937	1.074	-0.4412	0.6591
16	rs305083	84493379	G	ADD	7225	0.9643	0.04781	0.878	1.059	-0.7607	0.4468
16	rs12924316	84493764	T	ADD	7361	1.075	0.04478	0.9851	1.174	1.624	0.1044
16	84493893	84493893	C	ADD	4257	1.159	0.06214	1.026	1.309	2.376	0.01749
16	84493900	84493900	C	ADD	4320	1.157	0.06204	1.025	1.307	2.357	0.01842
16	84493903	84493903	C	ADD	4321	1.154	0.06201	1.022	1.303	2.311	0.02084
16	84493958	84493958	C	ADD	7341	1.473	0.4361	0.6267	3.464	0.8885	0.3743
16	84494383	84494383	T	ADD	7196	0.9698	0.1928	0.6646	1.415	-0.1588	0.8738
16	rs305082	84494479	C	ADD	7357	0.9815	0.04654	0.896	1.075	-0.401	0.6884
16	84494689	84494689	0	ADD	7344	NA	NA	NA	NA	NA	NA
16	84494863	84494863	C	ADD	7329	1.258	0.09392	1.046	1.512	2.444	0.01454
16	84495087	84495087	T	ADD	7195	2.455	0.9243	0.4011	15.02	0.9717	0.3312
16	rs182511	84495157	G	ADD	7364	1.207	0.13	0.9352	1.557	1.444	0.1486
16	84495288	84495288	0	ADD	6994	NA	NA	NA	NA	NA	NA
16	84495780	84495780	A	ADD	7346	1.504	1.07	0.1847	12.25	0.3815	0.7028
16	84495918	84495918	C	ADD	4704	1.215	0.1619	0.8845	1.668	1.202	0.2294
16	84495937	84495937	C	ADD	5804	0.899	0.1113	0.7228	1.118	-0.9558	0.3392
16	84495977	84495977	C	ADD	7080	0.9135	0.1844	0.6364	1.311	-0.4906	0.6237
16	rs11642583	84496096	G	ADD	7324	0.9017	0.05209	0.8142	0.9986	-1.986	0.04703
16	rs9940980	84496182	T	ADD	7363	0.9123	0.05197	0.824	1.01	-1.766	0.07739
16	rs9926664	84496256	G	ADD	7340	0.9116	0.05214	0.8231	1.01	-1.774	0.07604
16	rs11646550	84496336	A	ADD	7313	0.9115	0.05238	0.8226	1.01	-1.769	0.07695
16	84496676	84496676	0	ADD	7356	NA	NA	NA	NA	NA	NA
16	84496724	84496724	0	ADD	7366	NA	NA	NA	NA	NA	NA
16	84496745	84496745	C	ADD	7076	1.52	1.07	0.1866	12.39	0.3914	0.6955
16	84496751	84496751	C	ADD	7076	1.52	1.07	0.1866	12.39	0.3914	0.6955
16	rs3794662	84497151	A	ADD	7350	1.267	0.09356	1.054	1.522	2.526	0.01152
16	84497159	84497159	0	ADD	7359	NA	NA	NA	NA	NA	NA
16	rs3794661	84497167	A	ADD	7323	1.231	0.09426	1.024	1.481	2.208	0.02724
16	rs62052556	84497511	T	ADD	7281	0.8975	0.05314	0.8087	0.996	-2.036	0.0418
16	84497894	84497894	G	ADD	7257	1.03	0.7335	0.2446	4.337	0.04016	0.968

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84497914	84497914	G	ADD	7257	1.03	0.7335	0.2446	4.337	0.04016	0.968
16	84498477	84498477	G	ADD	7083	0.901	0.1299	0.6985	1.162	-0.8028	0.4221
16	rs4843320	84498514	T	ADD	7228	1.058	0.04677	0.9657	1.16	1.214	0.2247
16	84498527	84498527	A	ADD	7177	0.9708	0.1928	0.6653	1.417	-0.1539	0.8777
16	84498533	84498533	T	ADD	7090	0.9889	0.3044	0.5445	1.796	-0.03674	0.9707
16	84499184	84499184	G	ADD	7319	1.489	0.504	0.5545	3.998	0.79	0.4295
16	rs305080	84499275	T	ADD	7265	1.02	0.03688	0.949	1.097	0.5395	0.5895
16	84499414	84499414	G	ADD	7147	1.193	0.1804	0.8373	1.698	0.9758	0.3291
16	rs10514610	84499676	C	ADD	7365	1.226	0.09037	1.027	1.464	2.256	0.02409
16	rs16939917	84499921	A	ADD	7307	1.232	0.09067	1.031	1.471	2.298	0.02157
16	rs305079	84499997	C	ADD	7354	1.26	0.08736	1.062	1.496	2.648	0.008101
16	84500417	84500417	O	ADD	7334	NA	NA	NA	NA	NA	NA
16	rs305078	84500644	G	ADD	7333	2.569	0.5902	0.8078	8.168	1.598	0.11
16	rs3794660	84500669	C	ADD	7277	1.228	0.0968	1.016	1.485	2.125	0.03358
16	84500726	84500726	T	ADD	7177	0.9712	0.1928	0.6656	1.417	-0.1515	0.8796
16	rs305077	84500967	C	ADD	7360	1.036	0.03653	0.9643	1.113	0.966	0.3341
16	84501753	84501753	O	ADD	7359	NA	NA	NA	NA	NA	NA
16	84501767	84501767	O	ADD	7359	NA	NA	NA	NA	NA	NA
16	84501890	84501890	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84501918	84501918	O	ADD	7353	NA	NA	NA	NA	NA	NA
16	rs391525	84501940	G	ADD	7355	1.033	0.03651	0.9618	1.11	0.8929	0.3719
16	rs366304	84502301	A	ADD	7299	0.7723	0.5001	0.2898	2.058	-0.5167	0.6054
16	rs2292982	84502324	G	ADD	7361	1.041	0.03653	0.9691	1.118	1.1	0.2711
16	84502367	84502367	O	ADD	7316	NA	NA	NA	NA	NA	NA
16	rs2292980	84502577	C	ADD	7360	1.043	0.03653	0.9708	1.12	1.148	0.2508
16	84502640	84502640	A	ADD	7365	1.852	0.7928	0.3916	8.759	0.7773	0.437
16	rs8052064	84502732	T	ADD	7169	0.8816	0.0534	0.794	0.9788	-2.361	0.01825
16	rs16939945	84502750	T	ADD	7328	0.8429	0.1073	0.6831	1.04	-1.593	0.1111
16	84502870	84502870	T	ADD	7365	0.8922	0.876	0.1603	4.968	-0.1302	0.8964
16	84502888	84502888	C	ADD	7365	0.8922	0.876	0.1603	4.968	-0.1302	0.8964
16	rs1519976	84503176	G	ADD	7343	1.013	0.03492	0.9459	1.085	0.3662	0.7142
16	rs768410	84503229	G	ADD	7348	1.013	0.03492	0.946	1.085	0.3704	0.7111
16	rs147968	84503340	C	ADD	7337	1.012	0.03494	0.9448	1.083	0.3336	0.7387
16	84503481	84503481	O	ADD	7364	NA	NA	NA	NA	NA	NA
16	84503489	84503489	O	ADD	7309	NA	NA	NA	NA	NA	NA
16	rs925994	84503518	A	ADD	7340	1.253	0.09269	1.044	1.502	2.429	0.01514
16	rs12923978	84503825	C	ADD	7242	1.126	0.04353	1.034	1.226	2.718	0.006573
16	rs424971	84503951	C	ADD	7300	1.009	0.03512	0.9417	1.081	0.2493	0.8031
16	rs11649318	84503982	C	ADD	7351	1.016	0.03569	0.9476	1.09	0.4514	0.6517
16	rs11863590	84503995	G	ADD	7248	1.127	0.0435	1.035	1.227	2.749	0.005984
16	84504494	84504494	O	ADD	7346	NA	NA	NA	NA	NA	NA
16	84504502	84504502	O	ADD	7359	NA	NA	NA	NA	NA	NA
16	84504605	84504605	C	ADD	7007	0.9344	0.05948	0.8316	1.05	-1.141	0.2538
16	84504608	84504608	T	ADD	7358	1.247	0.5988	0.3858	4.033	0.3692	0.712
16	84504790	84504790	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs8051462	84504828	G	ADD	7339	1.01	0.03497	0.943	1.082	0.2825	0.7775
16	rs8064111	84504976	T	ADD	7243	0.9233	0.0549	0.8291	1.028	-1.453	0.1462
16	rs8047999	84505028	C	ADD	7351	1.005	0.03493	0.9386	1.076	0.1468	0.8833
16	84505065	84505065	C	ADD	7339	0.4927	1.304	0.03827	6.344	-0.5429	0.5872
16	84505099	84505099	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84505252	84505252	A	ADD	7218	1.147	0.1866	0.7958	1.654	0.7362	0.4616
16	rs903202	84505280	C	ADD	7252	0.9994	0.03512	0.9329	1.071	-0.01726	0.9862
16	rs13331970	84505479	A	ADD	7338	1	0.3772	0.4774	2.094	-8.02E-05	0.9999

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs17444416	84505599	A	ADD	7356	0.9655	0.07374	0.8355	1.116	-0.4768	0.6335
16	84505753	84505753	G	ADD	7350	1.117	0.6087	0.3387	3.682	0.1815	0.856
16	rs11649271	84505830	C	ADD	7310	0.8969	0.05316	0.8082	0.9954	-2.047	0.04068
16	84505980	84505980	O	ADD	7365	NA	NA	NA	NA	NA	NA
16	rs903203	84506142	A	ADD	6992	1.06	0.0387	0.9829	1.144	1.513	0.1302
16	84506417	84506417	T	ADD	7357	1.114	0.6089	0.3377	3.673	0.177	0.8595
16	rs403038	84506572	A	ADD	7359	0.8934	0.05224	0.8064	0.9897	-2.158	0.03089
16	rs8054513	84506608	G	ADD	7344	0.8943	0.05287	0.8063	0.992	-2.112	0.03468
16	rs8059127	84506690	A	ADD	7348	1.048	0.3382	0.54	2.033	0.1384	0.8899
16	rs62052557	84506707	A	ADD	6891	0.7169	0.4379	0.3039	1.691	-0.7601	0.4472
16	rs305071	84506772	A	ADD	7072	0.892	0.05613	0.7991	0.9957	-2.036	0.04173
16	rs28552575	84506805	T	ADD	7349	0.8094	0.4066	0.3648	1.796	-0.5202	0.603
16	84506880	84506880	C	ADD	7314	1.086	0.2382	0.681	1.732	0.3469	0.7286
16	rs305070	84506925	G	ADD	7355	0.8993	0.05113	0.8136	0.9941	-2.075	0.03796
16	rs9928776	84506960	T	ADD	7347	0.9168	0.401	0.4178	2.012	-0.2165	0.8286
16	rs16939967	84506974	T	ADD	7359	1.077	0.04663	0.9827	1.18	1.586	0.1126
16	rs305069	84507059	C	ADD	7200	1.005	0.03528	0.9382	1.077	0.1516	0.8795
16	rs35819447	84507211	G	ADD	7064	1.518	1.07	0.1863	12.36	0.3897	0.6968
16	84507230	84507230	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs305068	84507397	G	ADD	7311	0.8946	0.05298	0.8063	0.9924	-2.103	0.03544
16	rs16939969	84507645	C	ADD	7354	0.8451	0.3135	0.4572	1.562	-0.5368	0.5914
16	rs28631400	84507948	T	ADD	7353	0.7126	0.3768	0.3405	1.491	-0.8992	0.3686
16	rs28407896	84507957	T	ADD	7353	0.7126	0.3768	0.3405	1.491	-0.8992	0.3686
16	84508024	84508024	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs11117415	84508187	G	ADD	7353	1.211	0.07533	1.044	1.403	2.537	0.01117
16	84508204	84508204	O	ADD	7365	NA	NA	NA	NA	NA	NA
16	rs4843860	84508422	G	ADD	7333	1.009	0.03913	0.9349	1.09	0.2404	0.81
16	rs4843861	84508477	T	ADD	7358	1.007	0.03901	0.9332	1.087	0.1869	0.8517
16	rs9926067	84508696	G	ADD	7358	0.753	0.3288	0.3952	1.434	-0.8628	0.3883
16	rs12926854	84508759	G	ADD	7322	1.008	0.03911	0.9333	1.088	0.1937	0.8464
16	rs8054065	84508855	A	ADD	7272	1.025	0.03496	0.9569	1.097	0.7008	0.4834
16	84508893	84508893	O	ADD	7231	NA	NA	NA	NA	NA	NA
16	rs8046526	84509136	T	ADD	7353	0.8679	0.05031	0.7864	0.9579	-2.816	0.004866
16	rs9934699	84509137	A	ADD	7307	1.195	0.06723	1.048	1.363	2.652	0.008007
16	rs9934701	84509148	A	ADD	7307	1.195	0.06723	1.048	1.363	2.652	0.008007
16	rs9926411	84509158	G	ADD	7360	1.187	0.1264	0.9266	1.521	1.357	0.1748
16	rs8058904	84509183	G	ADD	7342	0.8702	0.05041	0.7883	0.9605	-2.759	0.005793
16	rs9924484	84509239	G	ADD	7312	1.206	0.06717	1.058	1.376	2.794	0.005213
16	rs9924488	84509249	G	ADD	7315	1.007	0.039	0.9329	1.087	0.1792	0.8578
16	rs8064189	84509297	G	ADD	7247	0.9649	0.04264	0.8875	1.049	-0.8385	0.4018
16	84509524	84509524	O	ADD	6652	NA	NA	NA	NA	NA	NA
16	84509646	84509646	O	ADD	7186	NA	NA	NA	NA	NA	NA
16	rs28368114	84509781	A	ADD	7103	0.7637	0.5712	0.2493	2.339	-0.4721	0.6369
16	rs61995933	84509816	T	ADD	7310	2.692	1.269	0.2237	32.41	0.7802	0.4353
16	84510111	84510111	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84510173	84510173	C	ADD	7214	0.5693	1.415	0.03552	9.125	-0.398	0.6907
16	rs2280378	84510246	G	ADD	7325	1	0.0347	0.9343	1.07	0.003001	0.9976
16	rs7185022	84510430	A	ADD	7299	0.9957	0.03508	0.9295	1.067	-0.1234	0.9018
16	rs13338943	84510452	T	ADD	7366	0.9307	0.05371	0.8377	1.034	-1.337	0.1812
16	rs12929551	84510511	T	ADD	7354	1.062	0.04642	0.9693	1.163	1.287	0.198
16	84510613	84510613	T	ADD	7346	4.537	0.8104	0.9268	22.21	1.866	0.06202
16	rs16939994	84510669	G	ADD	7346	1.155	0.1312	0.8933	1.494	1.1	0.2712
16	rs8057456	84510697	T	ADD	7153	1.037	0.03617	0.9656	1.113	0.9915	0.3214

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84510714	84510714	C	ADD	7306	2.21E-09	2.44E+04	0	inf	-0.0008176	0.9993
16	84510896	84510896	A	ADD	7008	0.9403	0.1334	0.7239	1.221	-0.4618	0.6442
16	84510938	84510938	O	ADD	7336	NA	NA	NA	NA	NA	NA
16	rs9927932	84510947	T	ADD	7366	1.44	0.37	0.6971	2.974	0.985	0.3246
16	rs11866752	84510994	T	ADD	7357	2.096	0.4865	0.8077	5.438	1.521	0.1283
16	rs28368115	84511122	T	ADD	7335	1.109	0.1348	0.8511	1.444	0.764	0.4449
16	rs16940005	84511183	C	ADD	7308	1.08	0.04683	0.985	1.183	1.637	0.1017
16	84511331	84511331	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs35593615	84511410	G	ADD	7336	1.071	0.04649	0.9782	1.174	1.485	0.1376
16	rs3751712	84511456	C	ADD	6690	0.9949	0.03717	0.925	1.07	-0.1384	0.8899
16	84511483	84511483	A	ADD	5839	0.9277	0.2242	0.5979	1.44	-0.3346	0.7379
16	rs4843321	84511577	C	ADD	7180	1.012	0.03614	0.9429	1.086	0.3338	0.7386
16	84511720	84511720	G	ADD	7363	8.003	1.112	0.9058	70.7	1.871	0.06135
16	rs16940007	84511788	T	ADD	7362	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993
16	rs16940009	84512089	C	ADD	7364	1.848	0.4983	0.6961	4.909	1.233	0.2176
16	84512224	84512224	T	ADD	7365	1.20E+09	2.44E+04	0	inf	0.0008576	0.9993
16	rs2270503	84512302	A	ADD	7357	0.6452	0.9246	0.1053	3.951	-0.4739	0.6355
16	84512462	84512462	O	ADD	7360	NA	NA	NA	NA	NA	NA
16	84512553	84512553	O	ADD	7365	NA	NA	NA	NA	NA	NA
16	84512648	84512648	A	ADD	7361	3.675	1.368	0.2518	53.63	0.9516	0.3413
16	rs28368116	84512695	C	ADD	7307	0.7543	0.2647	0.449	1.267	-1.065	0.2868
16	rs10514611	84512743	T	ADD	7307	0.9592	0.04378	0.8803	1.045	-0.952	0.3411
16	rs1568391	84512805	G	ADD	7069	1.01	0.03565	0.9416	1.083	0.273	0.7848
16	rs305072	84513164	G	ADD	7351	1.059	0.1268	0.8261	1.358	0.4528	0.6507
16	rs1044873	84513172	A	ADD	7222	1.011	0.03614	0.9419	1.085	0.3023	0.7624
16	84513230	84513230	A	ADD	7020	1.008	0.03572	0.9399	1.081	0.2258	0.8214
16	84513410	84513410	G	ADD	7356	0.6454	0.9246	0.1054	3.952	-0.4736	0.6358
16	rs28368119	84513449	T	ADD	7096	0.694	0.2174	0.4532	1.063	-1.681	0.09282
16	84513495	84513495	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs6638	84513545	A	ADD	7016	1.014	0.0357	0.9459	1.088	0.4032	0.6868
16	84513863	84513863	C	ADD	2107	0.9902	0.06981	0.8636	1.135	-0.1407	0.8881
16	rs11646027	84513898	C	ADD	7338	0.9623	0.04329	0.884	1.048	-0.8879	0.3746
16	rs28368120	84514144	T	ADD	7353	1.125	0.1282	0.8753	1.447	0.9215	0.3568
16	84514396	84514396	C	ADD	6962	1.409	0.2038	0.9447	2.101	1.681	0.09274
16	rs7204286	84514422	T	ADD	7221	0.9641	0.04358	0.8852	1.05	-0.839	0.4014
16	rs1021479	84514915	C	ADD	7348	1.139	0.1258	0.8901	1.458	1.035	0.3008
16	84514923	84514923	O	ADD	7358	NA	NA	NA	NA	NA	NA
16	rs305073	84515294	T	ADD	7256	1.032	0.03581	0.9618	1.107	0.8716	0.3834
16	rs305074	84515321	C	ADD	7260	1.03	0.03559	0.961	1.105	0.8436	0.3989
16	rs9932835	84515425	G	ADD	7332	0.9683	0.0433	0.8895	1.054	-0.7435	0.4572
16	rs11117416	84515825	G	ADD	7365	0.9651	0.04322	0.8868	1.05	-0.8206	0.4118
16	84516049	84516049	O	ADD	7258	NA	NA	NA	NA	NA	NA
16	84516201	84516201	T	ADD	7366	1.96E-09	2.44E+04	0	inf	-0.0008225	0.9993
16	rs16940023	84516215	T	ADD	7351	1.137	0.1253	0.8895	1.454	1.025	0.3052
16	rs8052521	84516230	A	ADD	7355	0.9791	0.04196	0.9018	1.063	-0.5042	0.6141
16	rs1021480	84516471	G	ADD	7280	0.9889	0.0422	0.9104	1.074	-0.2635	0.7921
16	rs1021481	84516521	A	ADD	7353	0.9831	0.04201	0.9054	1.068	-0.4045	0.6858
16	rs880364	84516666	G	ADD	7360	0.9851	0.04196	0.9073	1.07	-0.3582	0.7202
16	rs880365	84516863	T	ADD	7363	0.9789	0.04206	0.9015	1.063	-0.5067	0.6124
16	rs880366	84516939	C	ADD	7362	0.9829	0.04197	0.9053	1.067	-0.4117	0.6806
16	84517038	84517038	O	ADD	7345	NA	NA	NA	NA	NA	NA
16	84517061	84517061	O	ADD	7340	NA	NA	NA	NA	NA	NA
16	84517099	84517099	O	ADD	7367	NA	NA	NA	NA	NA	NA

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs305075	84517136	T	ADD	7353	1.013	0.03511	0.9455	1.085	0.3642	0.7157
16	84517710	84517710	O	ADD	7363	NA	NA	NA	NA	NA	NA
16	rs11644411	84517732	C	ADD	7288	0.9672	0.04344	0.8883	1.053	-0.7676	0.4427
16	rs11648480	84517780	T	ADD	7306	0.9683	0.04343	0.8893	1.054	-0.7409	0.4588
16	84517870	84517870	A	ADD	7159	1.21	0.1327	0.9327	1.569	1.435	0.1514
16	84517901	84517901	C	ADD	7353	0.5404	0.5687	0.1773	1.647	-1.082	0.2791
16	rs1472235	84518468	A	ADD	7209	0.9612	0.03875	0.8909	1.037	-1.021	0.3075
16	84518535	84518535	T	ADD	6911	0.6778	0.5084	0.2502	1.836	-0.7648	0.4444
16	rs1038953	84518591	A	ADD	6820	1.396	0.26	0.8386	2.323	1.283	0.1995
16	84518682	84518682	A	ADD	7292	1.483	0.504	0.5524	3.984	0.7825	0.4339
16	84518866	84518866	C	ADD	7287	1.459	0.9743	0.2162	9.848	0.3878	0.6982
16	rs4843862	84518960	G	ADD	5539	1.007	0.04091	0.929	1.091	0.159	0.8737
16	rs17444745	84519063	A	ADD	7362	0.9367	0.04689	0.8544	1.027	-1.396	0.1628
16	84519295	84519295	T	ADD	7364	8.008	1.112	0.9064	70.75	1.872	0.06126
16	84519403	84519403	G	ADD	7290	1.077	0.3264	0.5683	2.043	0.2284	0.8193
16	84519498	84519498	G	ADD	7357	0.5302	0.8918	0.09232	3.045	-0.7115	0.4768
16	84519800	84519800	C	ADD	7347	2.089	0.8582	0.3885	11.23	0.8582	0.3908
16	rs305076	84519862	C	ADD	7344	6.064	1.154	0.6317	58.22	1.562	0.1183
16	84520081	84520081	O	ADD	7355	NA	NA	NA	NA	NA	NA
16	84520237	84520237	C	ADD	7357	1.702	1.157	0.1764	16.42	0.4598	0.6456
16	84520351	84520351	C	ADD	6578	1.082	0.09648	0.896	1.308	0.8217	0.4113
16	84520516	84520516	A	ADD	6561	1.083	0.09551	0.8978	1.305	0.8308	0.4061
16	84520518	84520518	O	ADD	7360	NA	NA	NA	NA	NA	NA
16	84520604	84520604	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84521376	84521376	T	ADD	7029	1.748	0.2905	0.9888	3.089	1.921	0.05469
16	84521433	84521433	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84521580	84521580	G	ADD	7337	4.869	0.8019	1.011	23.44	1.974	0.04838
16	84521632	84521632	T	ADD	7268	0.6387	1.223	0.05812	7.02	-0.3665	0.714
16	84521737	84521737	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs12598785	84521809	G	ADD	7311	0.9401	0.05205	0.8489	1.041	-1.187	0.2354
16	rs60218704	84521854	C	ADD	7342	8.038	1.112	0.9092	71.07	1.874	0.06088
16	rs8045988	84521891	A	ADD	7363	1.191	0.06549	1.048	1.354	2.671	0.007557
16	rs366078	84522064	C	ADD	7348	1.027	0.07754	0.8826	1.196	0.3496	0.7266
16	rs2172625	84522286	C	ADD	7208	0.9925	0.0782	0.8515	1.157	-0.09569	0.9238
16	rs2970094	84522327	A	ADD	6832	0.9691	0.0733	0.8394	1.119	-0.4284	0.6684
16	84522420	84522420	A	ADD	7299	0.6899	1.422	0.04251	11.2	-0.2611	0.794
16	84522462	84522462	O	ADD	7356	NA	NA	NA	NA	NA	NA
16	rs399280	84522499	G	ADD	7215	1.077	0.07649	0.9273	1.252	0.9736	0.3303
16	rs383425	84522540	T	ADD	7347	1.029	0.03752	0.9559	1.107	0.757	0.4491
16	84522577	84522577	C	ADD	7339	1.051	0.07682	0.9045	1.222	0.6537	0.5133
16	84522585	84522585	C	ADD	7104	2.048	0.3688	0.9939	4.219	1.943	0.05196
16	rs56200928	84522852	C	ADD	7054	1.581	0.1872	1.095	2.282	2.447	0.0144
16	84522867	84522867	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84522980	84522980	A	ADD	7354	1.549	1.556	0.07329	32.72	0.281	0.7787
16	rs523642	84523096	A	ADD	7326	1.062	0.07766	0.9124	1.237	0.7794	0.4357
16	rs524432	84523155	C	ADD	7364	1.065	0.07605	0.9179	1.237	0.8336	0.4045
16	84523165	84523165	A	ADD	7357	0.7633	0.2867	0.4351	1.339	-0.9419	0.3462
16	84523216	84523216	T	ADD	7352	4.18E+09	2.44E+04	0	inf	0.0009087	0.9993
16	rs388988	84523302	T	ADD	7304	1.041	0.07599	0.8967	1.208	0.5259	0.599
16	84523320	84523320	O	ADD	7360	NA	NA	NA	NA	NA	NA
16	rs73266819	84523372	C	ADD	7360	0.9575	0.7936	0.2021	4.536	-0.05475	0.9563
16	84523433	84523433	C	ADD	7109	1.029	0.08087	0.8785	1.206	0.3588	0.7198
16	rs411221	84523460	C	ADD	7195	1.039	0.07755	0.8922	1.209	0.4889	0.6249

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84523472	84523472	0	ADD	7367	NA	NA	NA	NA	NA	NA
16	84523510	84523510	0	ADD	7358	NA	NA	NA	NA	NA	NA
16	rs878453	84523664	C	ADD	7096	0.9785	0.0362	0.9115	1.05	-0.5995	0.5488
16	rs878454	84523673	A	ADD	7330	1.017	0.04026	0.9399	1.101	0.4191	0.6752
16	rs903201	84523785	C	ADD	7278	0.927	0.05324	0.8352	1.029	-1.423	0.1547
16	rs11861479	84523794	G	ADD	7280	0.9265	0.05324	0.8347	1.028	-1.435	0.1513
16	rs11117417	84523830	T	ADD	7281	0.9306	0.05326	0.8383	1.033	-1.351	0.1767
16	rs58980382	84523934	T	ADD	7090	0.9653	0.08558	0.8163	1.142	-0.4126	0.6799
16	rs11860480	84523959	C	ADD	7350	0.9512	0.04323	0.874	1.035	-1.157	0.2475
16	rs11860517	84524000	G	ADD	7346	0.9357	0.05273	0.8438	1.038	-1.261	0.2072
16	rs11117418	84524028	G	ADD	7343	0.939	0.04943	0.8523	1.035	-1.274	0.2028
16	rs12051539	84524038	G	ADD	7242	1.086	0.1516	0.8069	1.462	0.5442	0.5863
16	84524043	84524043	A	ADD	7152	1.045	0.1238	0.8201	1.332	0.358	0.7204
16	84524049	84524049	G	ADD	7213	0.9666	0.08511	0.8181	1.142	-0.3988	0.69
16	84524139	84524139	0	ADD	7355	NA	NA	NA	NA	NA	NA
16	rs13332649	84524184	G	ADD	7124	0.9399	0.1273	0.7323	1.206	-0.487	0.6262
16	rs875529	84524187	C	ADD	7329	0.9299	0.05288	0.8384	1.031	-1.375	0.1693
16	rs875528	84524211	A	ADD	7241	1.138	0.1493	0.8492	1.525	0.8657	0.3867
16	84524220	84524220	T	ADD	7242	0.9678	0.188	0.6695	1.399	-0.174	0.8618
16	rs875527	84524231	A	ADD	7363	1.165	0.1497	0.8687	1.562	1.02	0.3079
16	rs419030	84524302	A	ADD	7216	1.1	0.04025	1.016	1.19	2.359	0.01833
16	84524389	84524389	0	ADD	7366	NA	NA	NA	NA	NA	NA
16	84524454	84524454	C	ADD	7041	0.5961	0.8194	0.1196	2.971	-0.6313	0.5278
16	84524516	84524516	C	ADD	7357	1.519	0.6199	0.4508	5.121	0.6748	0.4998
16	rs12596341	84524541	A	ADD	7337	0.8966	0.05675	0.8022	1.002	-1.923	0.0545
16	rs7198271	84524586	G	ADD	7323	0.8788	0.5359	0.3074	2.512	-0.2412	0.8094
16	84524664	84524664	C	ADD	6856	1.063	0.03987	0.9835	1.15	1.542	0.123
16	84524665	84524665	C	ADD	7195	1.062	0.03879	0.9846	1.146	1.56	0.1187
16	84524666	84524666	C	ADD	7195	1.062	0.03879	0.9846	1.146	1.56	0.1187
16	84524668	84524668	C	ADD	7163	1.064	0.03887	0.9856	1.148	1.587	0.1126
16	84524687	84524687	C	ADD	4208	0.7433	0.1372	0.5681	0.9726	-2.162	0.0306
16	84524706	84524706	C	ADD	3249	0.8808	0.08954	0.7391	1.05	-1.417	0.1565
16	84524707	84524707	C	ADD	2840	0.8568	0.1133	0.6862	1.07	-1.364	0.1726
16	84524722	84524722	C	ADD	6047	1.043	0.221	0.676	1.608	0.1886	0.8504
16	84524723	84524723	C	ADD	6020	1.046	0.2209	0.6784	1.613	0.2034	0.8388
16	84524750	84524750	T	ADD	7096	0.792	0.1256	0.6192	1.013	-1.856	0.06343
16	rs12444221	84524786	T	ADD	7347	1.046	0.1662	0.7549	1.448	0.2684	0.7884
16	84524997	84524997	0	ADD	7307	NA	NA	NA	NA	NA	NA
16	rs437291	84525009	C	ADD	7311	1.072	0.0385	0.9941	1.156	1.806	0.07095
16	84525054	84525054	0	ADD	7364	NA	NA	NA	NA	NA	NA
16	84525087	84525087	T	ADD	7041	1.613	0.3464	0.8179	3.18	1.38	0.1677
16	rs9936079	84525095	A	ADD	6999	1.012	0.1617	0.7372	1.39	0.07467	0.9405
16	rs385344	84525105	G	ADD	7325	1.121	0.04017	1.036	1.213	2.838	0.004535
16	rs447632	84525141	G	ADD	7350	1.062	0.03842	0.9854	1.146	1.576	0.115
16	rs34337659	84525158	C	ADD	7347	1.118	0.04007	1.034	1.21	2.795	0.005197
16	rs66509440	84525182	T	ADD	6906	1.14	0.04252	1.049	1.239	3.082	0.002057
16	rs66804793	84525190	A	ADD	6907	1.14	0.04252	1.049	1.239	3.087	0.002022
16	rs9925859	84525223	C	ADD	7333	0.9319	0.03851	0.8641	1.005	-1.832	0.06694
16	rs74032085	84525245	C	ADD	6763	1.155	0.04328	1.061	1.258	3.334	0.0008548
16	rs16940044	84525266	G	ADD	6743	1.157	0.04346	1.063	1.26	3.36	0.0007789
16	84525360	84525360	G	ADD	7216	4.81E-10	2.44E+04	0	inf	-0.0008801	0.9993
16	rs2934497	84525379	T	ADD	6720	1.182	0.04387	1.085	1.289	3.821	0.000133
16	rs2970091	84525387	A	ADD	6806	1.177	0.04338	1.081	1.281	3.754	0.0001738

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs2970090	84525392	A	ADD	6796	1.107	0.04035	1.023	1.198	2.514	0.01193
16	rs56239618	84525421	G	ADD	6774	1.066	0.04908	0.9685	1.174	1.307	0.1911
16	rs57439018	84525761	C	ADD	7354	0.9568	0.7936	0.202	4.533	-0.0556	0.9557
16	84525770	84525770	A	ADD	7362	1.23E+09	1.41E+04	0	inf	0.001488	0.9988
16	rs2934498	84525783	G	ADD	7355	1.122	0.04011	1.038	1.214	2.881	0.003965
16	rs447919	84526058	T	ADD	7328	0.9332	0.03856	0.8653	1.006	-1.793	0.073
16	84526080	84526080	O	ADD	7362	NA	NA	NA	NA	NA	NA
16	84526134	84526134	O	ADD	7355	NA	NA	NA	NA	NA	NA
16	rs439885	84526175	A	ADD	7360	1.117	0.04009	1.033	1.208	2.762	0.005751
16	rs10400953	84526344	T	ADD	7349	0.9391	0.05296	0.8465	1.042	-1.186	0.2356
16	84526382	84526382	T	ADD	7355	7.20E-10	1.62E+04	0	inf	-0.001301	0.999
16	rs450443	84526392	G	ADD	7332	1.123	0.04014	1.038	1.215	2.892	0.003833
16	rs396987	84526435	G	ADD	7330	1.124	0.04015	1.039	1.216	2.906	0.003657
16	rs385989	84526509	G	ADD	7285	1.071	0.03776	0.9945	1.153	1.813	0.06976
16	84526528	84526528	A	ADD	7294	0.9147	0.2803	0.528	1.585	-0.318	0.7505
16	rs4843865	84526806	T	ADD	7344	1.073	0.1632	0.7791	1.477	0.4306	0.6668
16	84527141	84527141	C	ADD	7355	1.05	0.1684	0.7548	1.46	0.2888	0.7727
16	rs8052690	84527239	G	ADD	7361	1.098	0.1635	0.7967	1.512	0.5699	0.5687
16	rs7185692	84527553	G	ADD	7341	0.9361	0.05305	0.8436	1.039	-1.245	0.213
16	84527600	84527600	C	ADD	3049	1.096	0.07533	0.9459	1.271	1.222	0.2217
16	84527601	84527601	A	ADD	5802	0.8785	0.04298	0.8075	0.9557	-3.014	0.002575
16	84527603	84527603	C	ADD	4195	1.094	0.05495	0.982	1.218	1.63	0.103
16	84527612	84527612	C	ADD	7051	3.168	0.407	1.427	7.034	2.833	0.004615
16	84527613	84527613	T	ADD	6722	2.099	0.3478	1.061	4.149	2.132	0.03305
16	84527727	84527727	O	ADD	7241	NA	NA	NA	NA	NA	NA
16	84527829	84527829	C	ADD	7251	1.216	0.5182	0.4403	3.356	0.3767	0.7064
16	rs8059144	84527977	C	ADD	7323	0.9404	0.05126	0.8505	1.04	-1.199	0.2306
16	rs8045825	84527979	G	ADD	7327	0.9401	0.05126	0.8503	1.039	-1.205	0.2283
16	84528014	84528014	G	ADD	7359	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993
16	84528020	84528020	T	ADD	7325	0.4731	0.6302	0.1376	1.627	-1.188	0.2349
16	rs4843866	84528151	T	ADD	7329	0.9374	0.05119	0.8479	1.036	-1.264	0.2064
16	rs4843867	84528219	G	ADD	7331	0.9377	0.05119	0.8482	1.037	-1.257	0.2089
16	84528233	84528233	A	ADD	7360	0.1469	1.092	0.01729	1.249	-1.757	0.07898
16	rs186249	84528397	C	ADD	7176	1.122	0.04078	1.036	1.216	2.828	0.004678
16	84528620	84528620	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84528669	84528669	O	ADD	7346	NA	NA	NA	NA	NA	NA
16	rs12149636	84528721	G	ADD	7337	0.9478	0.05278	0.8546	1.051	-1.017	0.3093
16	84528857	84528857	C	ADD	7143	0.9582	0.05826	0.8548	1.074	-0.7333	0.4634
16	84528860	84528860	T	ADD	6344	NA	NA	NA	NA	NA	NA
16	rs12149642	84528922	T	ADD	7063	0.9401	0.06022	0.8354	1.058	-1.026	0.3048
16	84529014	84529014	G	ADD	6967	0.7845	0.1382	0.5983	1.029	-1.756	0.07909
16	84529016	84529016	C	ADD	3189	0.8758	0.08908	0.7355	1.043	-1.488	0.1367
16	84529025	84529025	C	ADD	5457	1.162	0.1142	0.929	1.454	1.315	0.1884
16	84529026	84529026	C	ADD	5918	0.9831	0.1078	0.7958	1.214	-0.158	0.8745
16	84529027	84529027	C	ADD	6508	0.929	0.06128	0.8238	1.048	-1.202	0.2292
16	84529028	84529028	C	ADD	6372	0.9706	0.06045	0.8621	1.093	-0.4937	0.6215
16	84529029	84529029	C	ADD	6670	0.9519	0.06004	0.8462	1.071	-0.821	0.4117
16	84529030	84529030	C	ADD	6670	0.9519	0.06004	0.8462	1.071	-0.821	0.4117
16	84529031	84529031	C	ADD	6370	0.93	0.06019	0.8265	1.046	-1.205	0.2282
16	rs12149223	84529032	C	ADD	5771	0.978	0.1281	0.7608	1.257	-0.1733	0.8624
16	84529037	84529037	C	ADD	6938	0.958	0.2283	0.6124	1.499	-0.1878	0.851
16	84529038	84529038	C	ADD	7000	1.213	0.3627	0.5959	2.47	0.5327	0.5942
16	84529220	84529220	T	ADD	7051	0.9634	0.1461	0.7235	1.283	-0.2555	0.7983

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84529277	84529277	0	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs305067	84529341	C	ADD	6725	0.9311	0.04087	0.8594	1.009	-1.748	0.08047
16	rs11117419	84529383	G	ADD	7340	0.9508	0.0586	0.8476	1.066	-0.8615	0.3889
16	rs11117420	84529423	C	ADD	7110	1.251	0.3022	0.692	2.262	0.7414	0.4584
16	rs11117421	84529461	A	ADD	7342	0.9495	0.05858	0.8465	1.065	-0.8846	0.3764
16	rs11117422	84529514	C	ADD	7250	NA	NA	NA	NA	NA	NA
16	84529575	84529575	0	ADD	7292	NA	NA	NA	NA	NA	NA
16	rs11117423	84529682	C	ADD	7314	0.9517	0.05862	0.8484	1.068	-0.8439	0.3987
16	rs11117424	84529738	G	ADD	7360	0.9508	0.0585	0.8478	1.066	-0.8627	0.3883
16	rs11117425	84529772	T	ADD	7352	0.9526	0.05862	0.8492	1.069	-0.8283	0.4075
16	rs11648012	84529908	T	ADD	7358	0.9506	0.05847	0.8477	1.066	-0.8662	0.3864
16	84530040	84530040	T	ADD	7352	0.7206	1.422	0.04435	11.71	-0.2303	0.8179
16	rs11643999	84530070	A	ADD	7359	0.9506	0.05848	0.8477	1.066	-0.8666	0.3861
16	rs11648084	84530099	T	ADD	7362	0.9535	0.05851	0.8502	1.069	-0.8144	0.4154
16	rs11644034	84530113	A	ADD	7313	NA	NA	NA	NA	NA	NA
16	rs16940083	84530130	T	ADD	7359	0.7457	0.7659	0.1662	3.346	-0.3831	0.7016
16	84530187	84530187	0	ADD	7206	NA	NA	NA	NA	NA	NA
16	rs305066	84530277	T	ADD	7299	1.118	0.03967	1.035	1.209	2.822	0.004777
16	rs12600127	84530280	G	ADD	7322	0.943	0.05867	0.8405	1.058	-1.001	0.3169
16	rs13335265	84530311	C	ADD	6961	0.8337	0.2166	0.5453	1.275	-0.8396	0.4012
16	84530325	84530325	0	ADD	7308	NA	NA	NA	NA	NA	NA
16	84530431	84530431	G	ADD	7357	7.20E-10	1.62E+04	0	inf	-0.001301	0.999
16	rs62051023	84530439	T	ADD	7331	1.147	0.1657	0.8292	1.588	0.8297	0.4067
16	84530468	84530468	T	ADD	7327	0.4988	1.315	0.03788	6.569	-0.5288	0.597
16	rs8062669	84530493	T	ADD	7352	0.9754	0.08822	0.8205	1.16	-0.2821	0.7779
16	rs12711490	84530529	C	ADD	7358	NA	NA	NA	NA	NA	NA
16	84530554	84530554	C	ADD	7359	2.169	0.7357	0.5128	9.172	1.052	0.2927
16	rs12598434	84530560	T	ADD	7313	0.9514	0.05864	0.8481	1.067	-0.8489	0.3959
16	rs11641153	84530641	G	ADD	7342	NA	NA	NA	NA	NA	NA
16	rs11641155	84530653	G	ADD	7341	NA	NA	NA	NA	NA	NA
16	rs7205434	84530696	G	ADD	7341	NA	NA	NA	NA	NA	NA
16	rs8050476	84530705	G	ADD	7365	0.9459	0.08625	0.7988	1.12	-0.6448	0.5191
16	rs4843868	84530902	T	ADD	7337	NA	NA	NA	NA	NA	NA
16	84530967	84530967	T	ADD	7342	0.9324	0.107	0.7559	1.15	-0.6544	0.5128
16	rs1879213	84530977	T	ADD	7350	0.9336	0.05888	0.8318	1.048	-1.168	0.243
16	rs56250418	84530999	T	ADD	7091	1.054	0.04575	0.9637	1.153	1.152	0.2494
16	rs305065	84531367	G	ADD	7315	0.933	0.03856	0.8651	1.006	-1.797	0.07229
16	84531390	84531390	C	ADD	7269	0.9495	0.271	0.5583	1.615	-0.1911	0.8484
16	rs305064	84531643	T	ADD	7303	0.9365	0.0387	0.8681	1.01	-1.696	0.08989
16	rs9927123	84531682	G	ADD	7328	0.946	0.05055	0.8568	1.045	-1.098	0.2721
16	rs16940087	84531752	T	ADD	7359	0.7457	0.7659	0.1662	3.346	-0.3831	0.7016
16	rs16940088	84531870	T	ADD	7347	0.9351	0.05893	0.8331	1.05	-1.139	0.2546
16	rs13330932	84532008	T	ADD	7275	0.9081	0.06337	0.802	1.028	-1.521	0.1283
16	84532040	84532040	T	ADD	7328	0.4986	1.315	0.03786	6.567	-0.5291	0.5967
16	rs305063	84532158	T	ADD	7025	1.1	0.04027	1.016	1.19	2.365	0.01805
16	84532198	84532198	0	ADD	7351	NA	NA	NA	NA	NA	NA
16	rs56834409	84532277	G	ADD	7347	0.9357	0.05893	0.8336	1.05	-1.128	0.2595
16	84532342	84532342	C	ADD	4970	0.9218	0.0835	0.7826	1.086	-0.9751	0.3295
16	rs4843322	84532386	G	ADD	7346	0.9345	0.05887	0.8327	1.049	-1.151	0.2499
16	rs4843323	84532462	T	ADD	7354	NA	NA	NA	NA	NA	NA
16	rs12596291	84532538	C	ADD	7343	0.9348	0.05896	0.8328	1.049	-1.143	0.2532
16	rs12596295	84532576	A	ADD	7337	0.8951	0.06337	0.7905	1.013	-1.749	0.08024
16	rs4843869	84532642	A	ADD	7367	NA	NA	NA	NA	NA	NA

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84532733	84532733	0	ADD	7206	NA	NA	NA	NA	NA	NA
16	84532800	84532800	G	ADD	7084	1.502	0.4546	0.616	3.66	0.8942	0.3712
16	84532862	84532862	0	ADD	7070	NA	NA	NA	NA	NA	NA
16	rs305062	84533003	G	ADD	7363	1.231	0.1753	0.8731	1.736	1.186	0.2357
16	rs305061	84533160	C	ADD	7342	0.9311	0.03879	0.863	1.005	-1.839	0.06585
16	84533416	84533416	C	ADD	4271	1.175	0.0716	1.021	1.352	2.25	0.02446
16	rs305060	84533417	C	ADD	7339	1.069	0.03874	0.9907	1.153	1.718	0.08576
16	rs16940099	84533441	C	ADD	7332	0.9518	0.08938	0.7988	1.134	-0.5531	0.5802
16	rs16940100	84533460	T	ADD	7347	0.9618	0.08824	0.8091	1.143	-0.4411	0.6591
16	84533481	84533481	0	ADD	7365	NA	NA	NA	NA	NA	NA
16	rs305059	84533519	A	ADD	7134	1.053	0.03932	0.975	1.137	1.315	0.1885
16	84533526	84533526	0	ADD	7360	NA	NA	NA	NA	NA	NA
16	84533672	84533672	T	ADD	7347	0.9618	0.08824	0.8091	1.143	-0.4411	0.6591
16	84533804	84533804	C	ADD	7346	0.9616	0.08824	0.8089	1.143	-0.4432	0.6576
16	84533839	84533839	0	ADD	7221	NA	NA	NA	NA	NA	NA
16	84533939	84533939	C	ADD	7197	0.9657	0.08855	0.8119	1.149	-0.3938	0.6937
16	84534522	84534522	G	ADD	7281	1.101	0.2239	0.7102	1.708	0.4312	0.6664
16	84534632	84534632	C	ADD	7362	1.515	0.8008	0.3153	7.276	0.5184	0.6042
16	84534741	84534741	T	ADD	7236	1.215	0.5181	0.4401	3.354	0.3759	0.707
16	rs7202472	84535003	T	ADD	7318	0.8815	0.1547	0.6509	1.194	-0.8154	0.4149
16	84535111	84535111	T	ADD	7227	0.9131	0.2032	0.6131	1.36	-0.4474	0.6546
16	84535271	84535271	A	ADD	7333	0.2811	0.8395	0.05423	1.457	-1.512	0.1306
16	84535272	84535272	A	ADD	7350	0.1743	1.122	0.01932	1.572	-1.557	0.1196
16	rs305097	84535412	A	ADD	7264	1.127	0.04022	1.042	1.22	2.976	0.002925
16	rs62051024	84535456	C	ADD	7073	1.055	0.04567	0.9646	1.154	1.17	0.242
16	rs305095	84535500	T	ADD	7333	1.126	0.04013	1.041	1.218	2.961	0.003064
16	rs305094	84535606	C	ADD	7310	0.9384	0.03891	0.8695	1.013	-1.633	0.1025
16	rs72807020	84535618	G	ADD	7311	0.8941	0.057	0.7996	0.9997	-1.964	0.04948
16	rs16940101	84535626	G	ADD	7364	0.9455	0.08672	0.7977	1.121	-0.6468	0.5178
16	rs16940103	84535710	T	ADD	7309	0.8863	0.05705	0.7925	0.9911	-2.116	0.03432
16	rs16940104	84535711	T	ADD	7347	0.9441	0.08819	0.7943	1.122	-0.6518	0.5145
16	rs7186094	84535988	T	ADD	7358	0.9353	0.05283	0.8433	1.037	-1.267	0.2052
16	rs7190319	84536046	G	ADD	7362	0.937	0.05287	0.8448	1.039	-1.23	0.2187
16	rs305093	84536086	T	ADD	7335	0.9356	0.03891	0.8669	1.01	-1.711	0.08716
16	84536244	84536244	0	ADD	7357	NA	NA	NA	NA	NA	NA
16	rs11639990	84536305	G	ADD	7363	0.9374	0.05281	0.8453	1.04	-1.223	0.2212
16	84536585	84536585	0	ADD	7273	NA	NA	NA	NA	NA	NA
16	84536608	84536608	C	ADD	7333	2.736	0.5039	1.019	7.346	1.998	0.04573
16	rs305092	84536618	A	ADD	7305	0.9312	0.0388	0.863	1.005	-1.837	0.06619
16	rs305091	84536744	A	ADD	7330	0.9238	0.03865	0.8564	0.9965	-2.05	0.0404
16	84536846	84536846	C	ADD	3160	1.025	0.07376	0.887	1.184	0.3345	0.738
16	rs305090	84536847	T	ADD	7314	0.9321	0.03874	0.864	1.006	-1.815	0.06959
16	84536862	84536862	A	ADD	7362	2.136	0.5616	0.7106	6.423	1.352	0.1765
16	84537033	84537033	T	ADD	7303	4.08E-10	2.44E+04	0	inf	-0.0008869	0.9993
16	84537070	84537070	T	ADD	7335	0.3519	0.8459	0.06705	1.847	-1.235	0.2169
16	84537135	84537135	0	ADD	7322	NA	NA	NA	NA	NA	NA
16	84537212	84537212	A	ADD	7353	7.19E-10	1.62E+04	0	inf	-0.001301	0.999
16	84537309	84537309	0	ADD	7356	NA	NA	NA	NA	NA	NA
16	rs11641591	84537652	T	ADD	7311	1.098	0.1802	0.771	1.563	0.5167	0.6054
16	rs62051025	84537707	T	ADD	6927	1.067	0.04454	0.9775	1.164	1.45	0.1471
16	rs965773	84537847	A	ADD	7310	1.109	0.03889	1.028	1.197	2.67	0.007588
16	rs16940113	84537948	T	ADD	7360	1.149	0.8678	0.2097	6.293	0.1597	0.8731
16	84538025	84538025	G	ADD	7326	1	0.0944	0.8313	1.204	0.002861	0.9977

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs731708	84538035	A	ADD	7278	0.9216	0.1491	0.6881	1.234	-0.5476	0.5839
16	84538040	84538040	T	ADD	7061	0.6366	0.2578	0.3841	1.055	-1.751	0.0799
16	rs731709	84538088	C	ADD	7331	1.113	0.03996	1.029	1.203	2.675	0.007462
16	84538106	84538106	T	ADD	7049	1.094	0.2492	0.6711	1.782	0.3592	0.7194
16	84538380	84538380	O	ADD	7340	NA	NA	NA	NA	NA	NA
16	rs731707	84538469	C	ADD	7314	1.114	0.03886	1.032	1.202	2.768	0.005635
16	84538530	84538530	A	ADD	7333	0.8584	1.063	0.1069	6.894	-0.1436	0.8858
16	rs305089	84538531	T	ADD	7340	0.9321	0.03895	0.8635	1.006	-1.806	0.07085
16	84538676	84538676	O	ADD	7339	NA	NA	NA	NA	NA	NA
16	84538740	84538740	T	ADD	7252	0.5617	1.016	0.07676	4.111	-0.5679	0.5701
16	84538942	84538942	G	ADD	7056	0.8613	0.1979	0.5845	1.269	-0.7544	0.4506
16	84538944	84538944	T	ADD	7349	3.69E-10	1.72E+04	0	inf	-0.00126	0.999
16	rs11643168	84538983	T	ADD	7305	0.976	0.06982	0.8511	1.119	-0.3486	0.7274
16	rs305088	84539102	T	ADD	7295	0.9491	0.03908	0.8792	1.025	-1.336	0.1816
16	84539195	84539195	C	ADD	7365	1.20E+09	2.44E+04	0	inf	0.0008576	0.9993
16	84539211	84539211	C	ADD	7349	1.294	1.225	0.1172	14.28	0.2102	0.8335
16	84539306	84539306	A	ADD	6341	1.1	0.08837	0.9248	1.308	1.075	0.2824
16	rs305087	84539747	C	ADD	6951	0.8772	0.0548	0.7879	0.9767	-2.391	0.01682
16	rs7198504	84539802	C	ADD	6815	0.9101	0.04199	0.8382	0.9882	-2.243	0.02491
16	rs9935237	84540017	G	ADD	6228	0.7051	0.3443	0.359	1.385	-1.015	0.3101
16	rs305086	84540022	A	ADD	7361	1.018	0.04851	0.9258	1.12	0.3707	0.7109
16	rs8053060	84540490	A	ADD	5057	1.066	0.05014	0.9658	1.176	1.267	0.2053
16	84540536	84540536	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84540547	84540547	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs6540234	84540557	T	ADD	7312	0.9529	0.03865	0.8834	1.028	-1.249	0.2118
16	rs8049187	84540779	T	ADD	5076	1.075	0.04253	0.9888	1.168	1.694	0.09018
16	rs8062690	84540827	G	ADD	5011	0.9392	0.05886	0.8368	1.054	-1.066	0.2863
16	rs8053604	84540842	T	ADD	4305	1.059	0.0464	0.9666	1.159	1.228	0.2194
16	84541049	84541049	G	ADD	7354	3.76E-10	2.44E+04	0	inf	-0.0008902	0.9993
16	84541077	84541077	O	ADD	7039	NA	NA	NA	NA	NA	NA
16	84541142	84541142	G	ADD	7364	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993
16	84541177	84541177	C	ADD	4187	0.9343	0.04776	0.8508	1.026	-1.424	0.1545
16	84541179	84541179	T	ADD	4186	0.9353	0.04777	0.8517	1.027	-1.401	0.1612
16	84541180	84541180	C	ADD	4186	0.9353	0.04777	0.8517	1.027	-1.401	0.1612
16	rs2361768	84541181	G	ADD	4186	0.9353	0.04777	0.8517	1.027	-1.401	0.1612
16	84541385	84541385	A	ADD	7355	3.76E-10	2.44E+04	0	inf	-0.0008902	0.9993
16	84541450	84541450	G	ADD	7317	0.7636	1.424	0.04689	12.44	-0.1894	0.8497
16	rs55739703	84541492	G	ADD	7301	0.9191	0.1163	0.7317	1.154	-0.7254	0.4682
16	rs870614	84541516	A	ADD	5830	0.9318	0.05541	0.8359	1.039	-1.275	0.2024
16	rs8047292	84541556	T	ADD	7363	0.5835	0.4908	0.223	1.527	-1.098	0.2723
16	rs908988	84542101	G	ADD	7338	0.9597	0.03802	0.8908	1.034	-1.082	0.2792
16	rs8060078	84542153	T	ADD	7345	2.353	0.6662	0.6377	8.685	1.285	0.1989
16	rs908987	84542390	T	ADD	6943	0.9618	0.03898	0.891	1.038	-1	0.3172
16	rs908986	84542429	G	ADD	7339	0.9721	0.03849	0.9015	1.048	-0.7348	0.4625
16	rs908985	84542503	T	ADD	7344	0.9697	0.03848	0.8992	1.046	-0.8002	0.4236
16	84542511	84542511	A	ADD	7342	0.6701	0.667	0.1813	2.477	-0.6001	0.5484
16	rs908984	84542530	T	ADD	7362	0.9715	0.03847	0.901	1.048	-0.7511	0.4526
16	rs57670691	84542583	A	ADD	7319	0.882	0.1111	0.7094	1.097	-1.13	0.2583
16	rs57396687	84542701	A	ADD	7322	0.9019	0.1123	0.7236	1.124	-0.9195	0.3579
16	rs1915034	84542858	A	ADD	7352	0.9825	0.03934	0.9095	1.061	-0.45	0.6527
16	rs4240807	84542862	A	ADD	7337	0.9822	0.03936	0.9092	1.061	-0.4575	0.6473
16	rs1915033	84542932	A	ADD	7322	0.9724	0.03851	0.9017	1.049	-0.7267	0.4674
16	84542936	84542936	T	ADD	7364	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84542966	84542966	C	ADD	7364	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993
16	rs4843871	84543036	G	ADD	7319	0.965	0.03821	0.8954	1.04	-0.9325	0.3511
16	rs4843872	84543172	A	ADD	7346	0.9698	0.03845	0.8994	1.046	-0.7986	0.4245
16	84543226	84543226	A	ADD	7366	6.64E+08	2.44E+04	0	inf	0.0008333	0.9993
16	rs10863201	84543272	C	ADD	7101	0.9653	0.03865	0.8948	1.041	-0.915	0.3602
16	rs58073431	84543416	C	ADD	7322	0.8891	0.1126	0.7131	1.109	-1.044	0.2966
16	rs59821663	84543420	A	ADD	7322	0.8891	0.1126	0.7131	1.109	-1.044	0.2966
16	84543445	84543445	O	ADD	7362	NA	NA	NA	NA	NA	NA
16	84543446	84543446	O	ADD	7362	NA	NA	NA	NA	NA	NA
16	rs59403904	84543458	T	ADD	7235	0.9806	0.1339	0.7543	1.275	-0.1467	0.8834
16	84543506	84543506	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84543518	84543518	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs58189590	84543560	A	ADD	7316	0.8825	0.1124	0.708	1.1	-1.112	0.2661
16	rs57426547	84543596	T	ADD	7316	0.8825	0.1124	0.708	1.1	-1.112	0.2661
16	84543660	84543660	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs73268906	84544188	G	ADD	7317	0.8888	0.1126	0.7128	1.108	-1.047	0.2949
16	rs73268908	84544290	A	ADD	7325	0.8948	0.1127	0.7174	1.116	-0.9859	0.3242
16	rs73268912	84544401	A	ADD	7320	0.9027	0.1125	0.7241	1.125	-0.9101	0.3627
16	84544635	84544635	T	ADD	7321	0.5427	0.6656	0.1472	2	-0.9182	0.3585
16	84544641	84544641	O	ADD	7365	NA	NA	NA	NA	NA	NA
16	84544743	84544743	G	ADD	7364	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993
16	rs59120392	84544797	T	ADD	7328	0.8992	0.1126	0.7211	1.121	-0.9435	0.3454
16	rs57278440	84544999	C	ADD	7329	0.899	0.1126	0.7209	1.121	-0.946	0.3442
16	rs10863202	84545499	A	ADD	7241	0.9707	0.0384	0.9003	1.047	-0.7742	0.4388
16	rs8060960	84545861	T	ADD	7313	0.9586	0.03863	0.8887	1.034	-1.095	0.2735
16	rs8048151	84546099	C	ADD	7298	0.9749	0.0391	0.903	1.053	-0.6503	0.5155
16	84546166	84546166	A	ADD	7325	0.5304	0.8898	0.09273	3.034	-0.7126	0.4761
16	84546175	84546175	A	ADD	7364	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993
16	rs73268923	84546268	T	ADD	7328	0.9083	0.1129	0.728	1.133	-0.852	0.3942
16	84546359	84546359	A	ADD	7323	0.8962	0.1125	0.7188	1.117	-0.9737	0.3302
16	rs6540235	84546396	T	ADD	7322	0.969	0.03829	0.8989	1.045	-0.8226	0.4107
16	84546553	84546553	O	ADD	7340	NA	NA	NA	NA	NA	NA
16	rs7186247	84546570	T	ADD	7315	0.9673	0.03829	0.8974	1.043	-0.868	0.3854
16	84546654	84546654	G	ADD	7272	1.048	0.4616	0.424	2.589	0.1011	0.9195
16	rs7199472	84546685	G	ADD	7356	0.9619	0.0382	0.8925	1.037	-1.018	0.3086
16	rs11640143	84546965	C	ADD	7337	0.894	0.07194	0.7764	1.029	-1.557	0.1194
16	84547130	84547130	T	ADD	7296	1.389	1.468	0.0782	24.66	0.2237	0.823
16	84547216	84547216	T	ADD	7367	1.701	1.157	0.1763	16.42	0.4595	0.6459
16	rs4843873	84547276	A	ADD	7341	0.9877	0.0388	0.9154	1.066	-0.319	0.7497
16	84547352	84547352	A	ADD	7273	1.772	0.3948	0.8171	3.841	1.448	0.1475
16	rs4843874	84547399	C	ADD	7343	0.9783	0.03874	0.9068	1.055	-0.5664	0.5711
16	rs4843875	84547443	T	ADD	5768	1.05	0.05566	0.9418	1.171	0.8831	0.3772
16	84547570	84547570	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	84547601	84547601	C	ADD	7326	0.5308	0.8899	0.09278	3.036	-0.7118	0.4766
16	rs73268928	84547653	G	ADD	7309	0.9253	0.1149	0.7388	1.159	-0.6756	0.4993
16	84547657	84547657	O	ADD	7337	NA	NA	NA	NA	NA	NA
16	rs11117426	84547768	C	ADD	7275	0.9512	0.05205	0.8589	1.053	-0.961	0.3366
16	84547926	84547926	C	ADD	7365	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993
16	rs11117427	84548058	A	ADD	7235	0.9534	0.05258	0.86	1.057	-0.908	0.3639
16	rs925992	84548081	T	ADD	7134	0.9809	0.03947	0.9079	1.06	-0.4876	0.6258
16	84548374	84548374	T	ADD	7366	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993
16	84548382	84548382	C	ADD	7291	0.338	0.7199	0.08245	1.386	-1.507	0.1319
16	rs8057009	84548424	G	ADD	7355	0.9972	0.04027	0.9216	1.079	-0.06886	0.9451

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs6540236	84548591	A	ADD	7263	0.9901	0.03915	0.917	1.069	-0.2541	0.7994
16	rs12445476	84548770	G	ADD	7363	0.9459	0.0522	0.8539	1.048	-1.066	0.2866
16	84548866	84548866	G	ADD	7360	8.868	1.097	1.032	76.21	1.989	0.04673
16	84548901	84548901	T	ADD	5806	0.9216	0.1086	0.7449	1.14	-0.7522	0.4519
16	rs7185590	84549154	A	ADD	7321	1.436	0.3367	0.7421	2.778	1.074	0.2828
16	rs11642873	84549206	C	ADD	7303	0.9478	0.05289	0.8545	1.051	-1.013	0.3109
16	84549320	84549320	C	ADD	6310	0.6619	0.2361	0.4167	1.051	-1.748	0.08055
16	rs6540238	84549328	A	ADD	7225	0.9886	0.03915	0.9156	1.067	-0.2933	0.7693
16	rs12444486	84550150	C	ADD	7266	0.9561	0.03598	0.891	1.026	-1.247	0.2125
16	rs4843876	84550233	T	ADD	7359	0.9822	0.03846	0.9109	1.059	-0.4676	0.6401
16	rs11117428	84550330	C	ADD	7079	0.9968	0.04314	0.916	1.085	-0.07503	0.9402
16	rs2361764	84550459	G	ADD	7234	0.9841	0.03871	0.9122	1.062	-0.4129	0.6797
16	84550594	84550594	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs2361763	84550635	T	ADD	7279	1.009	0.03602	0.9406	1.083	0.261	0.7941
16	rs2885364	84550691	A	ADD	7261	0.9832	0.03864	0.9115	1.061	-0.4385	0.661
16	rs4843877	84550733	C	ADD	7243	0.9732	0.03867	0.9022	1.05	-0.703	0.482
16	rs35929052	84551985	T	ADD	7069	0.986	0.07206	0.8561	1.136	-0.1955	0.845
16	rs908983	84552021	C	ADD	7356	0.9926	0.03803	0.9213	1.069	-0.1943	0.8459
16	rs883332	84552225	C	ADD	7364	1.143	0.2212	0.7408	1.763	0.6034	0.5462
16	rs34347181	84552262	O	ADD	7365	NA	NA	NA	NA	NA	NA
16	rs2049086	84552380	T	ADD	7085	0.9797	0.03888	0.9078	1.057	-0.5274	0.5979
16	rs908982	84552384	A	ADD	7104	0.9786	0.03873	0.9071	1.056	-0.5573	0.5774
16	84552424	84552424	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs8044852	84552728	A	ADD	7264	0.9671	0.03789	0.8979	1.042	-0.8815	0.378
16	rs908981	84552926	T	ADD	7349	0.9731	0.03771	0.9038	1.048	-0.7223	0.4701
16	84552937	84552937	C	ADD	6905	0.8536	0.07841	0.732	0.9954	-2.019	0.04349
16	rs12446139	84553085	G	ADD	7349	0.9731	0.03771	0.9038	1.048	-0.7223	0.4701
16	84553110	84553110	C	ADD	7290	0.9382	0.1184	0.7439	1.183	-0.5389	0.59
16	rs12919427	84553160	A	ADD	7349	0.9731	0.03771	0.9038	1.048	-0.7223	0.4701
16	rs12930405	84553163	C	ADD	7349	0.9731	0.03771	0.9038	1.048	-0.7223	0.4701
16	rs11642456	84553581	T	ADD	7348	0.9734	0.03771	0.904	1.048	-0.715	0.4746
16	84553752	84553752	T	ADD	7320	0.7642	1.424	0.04692	12.44	-0.1889	0.8501
16	rs11649461	84553758	C	ADD	7122	0.9709	0.03796	0.9013	1.046	-0.7782	0.4365
16	84553776	84553776	T	ADD	7355	1.603	0.6859	0.4178	6.147	0.6876	0.4917
16	rs11645398	84553796	G	ADD	7205	0.9788	0.03832	0.908	1.055	-0.5598	0.5756
16	84554094	84554094	C	ADD	7362	3.39E-10	2.44E+04	0	inf	-0.0008944	0.9993
16	rs4843324	84554392	O	ADD	7353	NA	NA	NA	NA	NA	NA
16	rs11643829	84554502	C	ADD	4781	0.9826	0.04565	0.8985	1.075	-0.3837	0.7012
16	rs35615495	84554505	T	ADD	5292	0.9024	0.06168	0.7996	1.018	-1.665	0.09584
16	rs11640586	84554529	C	ADD	4376	1.101	0.0497	0.9988	1.214	1.936	0.05288
16	rs59015387	84554628	A	ADD	7358	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993
16	84554776	84554776	T	ADD	7299	2.614	0.9211	0.4298	15.9	1.043	0.2969
16	rs12019053	84554782	G	ADD	5149	0.8957	0.06194	0.7933	1.011	-1.778	0.07534
16	84554944	84554944	C	ADD	4005	0.9534	0.05167	0.8615	1.055	-0.9244	0.3553
16	84554954	84554954	C	ADD	3591	0.9396	0.05855	0.8377	1.054	-1.065	0.2869
16	rs11860050	84555097	A	ADD	5211	0.8973	0.06231	0.7941	1.014	-1.739	0.08199
16	84555268	84555268	O	ADD	7367	NA	NA	NA	NA	NA	NA
16	rs12446834	84555541	C	ADD	4661	0.9597	0.04568	0.8775	1.05	-0.9003	0.368
16	rs55906426	84555779	C	ADD	6236	1.028	0.04555	0.9403	1.124	0.6075	0.5435
16	rs12019051	84555863	G	ADD	4659	0.9602	0.04568	0.878	1.05	-0.8887	0.3742
16	84555917	84555917	O	ADD	7352	NA	NA	NA	NA	NA	NA
16	84556011	84556011	O	ADD	7357	NA	NA	NA	NA	NA	NA
16	rs16940146	84556487	G	ADD	7360	8.009	1.112	0.9065	70.75	1.872	0.06125

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84556512	84556512	0	ADD	7366	NA	NA	NA	NA	NA	NA
16	rs34445961	84556804	G	ADD	4021	1.024	0.05057	0.9271	1.13	0.4638	0.6428
16	rs34256051	84556806	C	ADD	4045	1.01	0.05006	0.916	1.115	0.2069	0.8361
16	84556855	84556855	T	ADD	7354	8.14E-10	1.65E+04	0	inf	-0.001271	0.999
16	rs62051883	84556897	A	ADD	7172	1.264	0.3461	0.6415	2.491	0.6773	0.4982
16	rs59276136	84556910	A	ADD	4573	0.9567	0.04616	0.8739	1.047	-0.9601	0.337
16	84557150	84557150	0	ADD	7359	NA	NA	NA	NA	NA	NA
16	rs11863308	84557298	T	ADD	7358	3.77E-10	2.44E+04	0	inf	-0.0008901	0.9993
16	84557332	84557332	C	ADD	7031	0.8346	0.3671	0.4065	1.714	-0.4926	0.6223
16	84557466	84557466	G	ADD	7358	7.26E-10	1.17E+04	0	inf	-0.001798	0.9986
16	rs12598292	84557532	T	ADD	5602	0.9278	0.2314	0.5894	1.46	-0.324	0.7459
16	rs8053185	84557593	G	ADD	4398	0.9549	0.04731	0.8704	1.048	-0.975	0.3296
16	rs12446659	84557863	T	ADD	4350	0.9497	0.04756	0.8652	1.042	-1.085	0.2779
16	rs35867147	84557883	A	ADD	5214	0.8947	0.06333	0.7903	1.013	-1.757	0.07888
16	84557898	84557898	0	ADD	7343	NA	NA	NA	NA	NA	NA
16	rs12446684	84557908	T	ADD	4375	0.9529	0.04742	0.8684	1.046	-1.017	0.3093
16	rs12444385	84557964	A	ADD	4346	0.9494	0.04758	0.8649	1.042	-1.092	0.2751
16	84558091	84558091	C	ADD	4344	0.9501	0.04758	0.8655	1.043	-1.076	0.2819
16	rs9924246	84558107	C	ADD	4344	0.9501	0.04758	0.8655	1.043	-1.076	0.2819
16	84558180	84558180	C	ADD	3180	0.9531	0.05652	0.8532	1.065	-0.8496	0.3955
16	84558188	84558188	C	ADD	3806	0.983	0.05154	0.8885	1.087	-0.3331	0.7391
16	rs9926350	84558192	A	ADD	2483	1.068	0.06599	0.938	1.215	0.9899	0.3222
16	rs9934574	84558465	T	ADD	5190	0.8968	0.06344	0.7919	1.016	-1.718	0.08589
16	rs9941263	84558545	G	ADD	4348	0.9507	0.04755	0.8661	1.044	-1.064	0.2874
16	rs9934725	84558585	T	ADD	4347	0.9506	0.04755	0.866	1.043	-1.065	0.2867
16	84558619	84558619	T	ADD	7270	0.3384	0.7198	0.08256	1.387	-1.505	0.1323
16	rs9938885	84558713	G	ADD	4332	0.9538	0.04767	0.8687	1.047	-0.9918	0.3213
16	rs11648475	84558762	G	ADD	3592	0.9148	0.05133	0.8272	1.012	-1.735	0.08267
16	rs74032515	84558875	G	ADD	7031	0.8346	0.3671	0.4065	1.714	-0.4926	0.6223
16	rs74032517	84558990	0	ADD	7366	NA	NA	NA	NA	NA	NA
16	rs72807046	84559122	T	ADD	6474	0.8196	0.2153	0.5375	1.25	-0.9243	0.3553
16	84559204	84559204	C	ADD	7347	2.567	1.119	0.2865	22.99	0.8426	0.3995
16	84559353	84559353	A	ADD	7209	2.722	1.224	0.2471	29.98	0.8179	0.4134
16	rs11860004	84559380	A	ADD	3846	0.9011	0.06536	0.7927	1.024	-1.594	0.111
16	rs34912238	84559404	T	ADD	6888	0.9224	0.05438	0.8292	1.026	-1.486	0.1374
16	rs35655122	84559618	T	ADD	5235	0.9017	0.06325	0.7966	1.021	-1.636	0.1018
16	rs11862493	84559626	C	ADD	5234	0.9033	0.06327	0.7979	1.023	-1.608	0.1078
16	rs11859186	84559852	C	ADD	5039	0.9613	0.07047	0.8373	1.104	-0.5593	0.5759

Table S5: Conditioning on rs11117427

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs11861580	84456048	G	ADD	7231	0.8465	0.0686	0.74	0.9683	-2.43	0.01511
16	rs9934049	84456117	T	ADD	5968	1.128	0.09585	0.9346	1.361	1.254	0.2099
16	84456852	84456852	A	ADD	7286	0.6746	0.3054	0.3708	1.227	-1.289	0.1973
16	84457076	84457076	T	ADD	7271	1.41E+09	1.66E+04	0	inf	0.001271	0.999
16	rs16939834	84458109	C	ADD	7288	0.8166	0.2307	0.5195	1.284	-0.8782	0.3798
16	84458146	84458146	A	ADD	7283	1.02E+09	1.72E+04	0	inf	0.001204	0.999
16	rs11864884	84458540	T	ADD	7282	1.012	0.03903	0.9375	1.093	0.3077	0.7583
16	rs7185918	84458566	T	ADD	7288	1.04	0.04321	0.9559	1.132	0.9152	0.3601
16	84458726	84458726	C	ADD	7265	1.377	0.2002	0.9301	2.039	1.598	0.11
16	rs72805167	84458737	G	ADD	7115	1.176	0.4319	0.5043	2.742	0.3751	0.7076
16	84458834	84458834	O	ADD	6312	NA	NA	NA	NA	NA	NA
16	rs11859433	84458903	C	ADD	7238	0.8311	0.06948	0.7253	0.9523	-2.663	0.007742
16	84459157	84459157	G	ADD	6969	0.8062	0.07096	0.7015	0.9265	-3.036	0.002399
16	rs12926601	84459167	T	ADD	7040	1.085	0.04444	0.9947	1.184	1.84	0.0657
16	rs4843854	84460016	C	ADD	7263	1.071	0.03596	0.9983	1.149	1.914	0.05566
16	rs4843855	84460047	T	ADD	6796	1.003	0.03958	0.9278	1.083	0.06556	0.9477
16	rs4843856	84460058	C	ADD	7267	1.036	0.03571	0.9656	1.111	0.9808	0.3267
16	rs12930347	84461177	C	ADD	7284	1.052	0.04201	0.9692	1.143	1.215	0.2244
16	84461320	84461320	O	ADD	7289	NA	NA	NA	NA	NA	NA
16	rs62052470	84461723	A	ADD	6745	0.8403	0.09459	0.6981	1.011	-1.839	0.06589
16	84461729	84461729	O	ADD	7292	NA	NA	NA	NA	NA	NA
16	rs62052471	84462333	G	ADD	6540	0.9269	0.1162	0.7382	1.164	-0.6536	0.5134
16	84462405	84462405	A	ADD	6205	1.028	0.04454	0.9418	1.121	0.6137	0.5394
16	84462407	84462407	A	ADD	5583	1.05	0.04912	0.9532	1.156	0.9846	0.3248
16	84462423	84462423	A	ADD	5085	1.05	0.126	0.8199	1.343	0.384	0.701
16	84462425	84462425	A	ADD	3679	1.152	0.09278	0.9604	1.382	1.524	0.1274
16	84462437	84462437	C	ADD	3934	1.171	0.09876	0.9648	1.421	1.597	0.1103
16	84462507	84462507	C	ADD	4915	1.062	0.1001	0.8727	1.292	0.5991	0.5491
16	84462539	84462539	C	ADD	7014	0.9459	0.1165	0.7529	1.189	-0.4772	0.6332
16	rs55697192	84462546	C	ADD	5964	1.084	0.07346	0.9383	1.251	1.093	0.2746
16	84463073	84463073	A	ADD	6606	1.387	0.2281	0.8869	2.169	1.434	0.1516
16	84463237	84463237	T	ADD	7129	0.8907	0.1945	0.6083	1.304	-0.595	0.5519
16	rs12935659	84463429	C	ADD	7267	0.9738	0.03863	0.9027	1.05	-0.6883	0.4913
16	84463607	84463607	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs72805168	84463633	C	ADD	7158	1.319	0.9755	0.1949	8.923	0.2835	0.7768
16	rs62052474	84463910	A	ADD	7260	0.788	0.06619	0.6921	0.8971	-3.601	0.0003173
16	84463953	84463953	T	ADD	7247	0.7759	1.418	0.04821	12.49	-0.179	0.8579
16	84463987	84463987	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84464105	84464105	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs11648716	84464117	G	ADD	7292	0.8018	0.06517	0.7057	0.9111	-3.389	0.0007015
16	rs8056522	84464397	C	ADD	7282	1.057	0.04352	0.9705	1.151	1.272	0.2035
16	rs9929675	84464599	A	ADD	7255	0.9779	0.03892	0.9061	1.055	-0.5736	0.5662
16	rs9929701	84464675	C	ADD	7256	0.9782	0.03892	0.9064	1.056	-0.565	0.5721
16	rs9924234	84465076	C	ADD	7261	0.98	0.03891	0.908	1.058	-0.5193	0.6036
16	rs9930043	84465079	C	ADD	7272	0.9794	0.0389	0.9075	1.057	-0.5341	0.5933
16	84465151	84465151	C	ADD	7225	1.072	0.04339	0.9848	1.167	1.607	0.108
16	rs9932359	84465411	A	ADD	7259	0.9802	0.03891	0.9082	1.058	-0.5133	0.6078
16	rs12448297	84467210	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs13336885	84469034	C	ADD	7143	0.9815	0.03907	0.9092	1.06	-0.477	0.6334
16	rs7200396	84469798	C	ADD	7264	0.9731	0.0386	0.9021	1.05	-0.7076	0.4792
16	rs9923975	84469936	G	ADD	7248	1.076	0.04389	0.9869	1.172	1.661	0.09679
16	rs9932159	84470103	T	ADD	7270	0.9745	0.03872	0.9033	1.051	-0.6658	0.5055
16	rs9936199	84470118	G	ADD	7267	0.973	0.0386	0.9021	1.049	-0.7094	0.4781

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs750669	84470371	G	ADD	7231	1.032	0.03592	0.9615	1.107	0.8676	0.3856
16	rs2017161	84470594	C	ADD	7126	0.9638	0.03877	0.8933	1.04	-0.9516	0.3413
16	84470606	84470606	A	ADD	7251	1.027	0.03573	0.9572	1.101	0.7347	0.4625
16	84471137	84471137	G	ADD	7268	8.22E+08	1.72E+04	0	inf	0.001191	0.999
16	84471981	84471981	T	ADD	6557	0.8801	0.1343	0.6764	1.145	-0.9505	0.3418
16	84472217	84472217	T	ADD	6871	4.16E-10	2.44E+04	0	inf	-0.000886	0.9993
16	rs55967832	84472469	C	ADD	7059	1.024	0.03613	0.9544	1.1	0.6669	0.5048
16	rs9925103	84472609	G	ADD	6979	0.877	0.2251	0.5642	1.363	-0.5829	0.56
16	rs34318854	84472707	C	ADD	7058	1.025	0.03612	0.9549	1.1	0.6814	0.4956
16	rs34723871	84472711	C	ADD	7058	1.025	0.03612	0.9549	1.1	0.6814	0.4956
16	rs56143130	84472719	C	ADD	7058	1.025	0.03612	0.9549	1.1	0.6814	0.4956
16	rs9925282	84472806	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs9931862	84472878	T	ADD	7066	1.097	0.04407	1.006	1.196	2.098	0.03592
16	rs9931687	84473282	A	ADD	7274	1.118	0.04362	1.026	1.218	2.558	0.01053
16	rs6540231	84473561	G	ADD	7251	1.013	0.03564	0.9445	1.086	0.3568	0.7213
16	84473745	84473745	O	ADD	6320	NA	NA	NA	NA	NA	NA
16	84474001	84474001	C	ADD	6306	0.961	0.04486	0.8801	1.049	-0.887	0.3751
16	84474531	84474531	C	ADD	6611	0.9217	0.8622	0.1701	4.995	-0.09455	0.9247
16	rs367170	84474588	A	ADD	4763	1.228	0.09978	1.01	1.494	2.061	0.03934
16	rs409219	84474592	T	ADD	4690	1.408	0.1227	1.107	1.791	2.789	0.005281
16	84474714	84474714	C	ADD	4979	1.049	0.05793	0.9365	1.175	0.8284	0.4074
16	rs62052475	84474717	C	ADD	4988	1.051	0.05777	0.9384	1.177	0.8601	0.3898
16	84474721	84474721	C	ADD	5659	1.057	0.1595	0.7735	1.445	0.3499	0.7264
16	rs426900	84474799	C	ADD	6665	0.9375	0.07582	0.808	1.088	-0.8515	0.3945
16	rs9937847	84475052	C	ADD	7279	0.9897	0.06681	0.8682	1.128	-0.1556	0.8763
16	rs16939877	84475320	A	ADD	6718	0.8448	0.1116	0.6788	1.051	-1.512	0.1306
16	rs376783	84475324	A	ADD	7286	1.13	0.04116	1.042	1.225	2.97	0.002977
16	rs428578	84475445	G	ADD	7188	1.02	0.0367	0.9493	1.096	0.5411	0.5884
16	84475528	84475528	A	ADD	6933	0.7472	0.2021	0.5028	1.11	-1.442	0.1494
16	rs371800	84475621	T	ADD	7264	1.194	0.09126	0.9988	1.428	1.947	0.05153
16	rs447377	84476336	G	ADD	7260	1.016	0.03655	0.946	1.092	0.4423	0.6582
16	rs9936406	84476343	T	ADD	7287	0.984	0.03758	0.9142	1.059	-0.428	0.6687
16	84476544	84476544	C	ADD	7224	0.9748	0.06972	0.8503	1.118	-0.3663	0.7142
16	rs439390	84476707	G	ADD	7045	1.003	0.03712	0.9322	1.078	0.06788	0.9459
16	84476754	84476754	C	ADD	7249	0.7252	0.07577	0.6251	0.8413	-4.24	2.24E-05
16	rs9928868	84476971	C	ADD	7253	1.037	0.5444	0.3567	3.014	0.06635	0.9471
16	rs384915	84477113	A	ADD	7234	1.16	0.09372	0.9653	1.394	1.584	0.1133
16	84477167	84477167	C	ADD	4644	0.8792	0.07385	0.7608	1.016	-1.743	0.08139
16	84477725	84477725	A	ADD	7284	3.743	1.279	0.3051	45.93	1.032	0.3021
16	rs438968	84477729	C	ADD	7242	1.012	0.03645	0.9425	1.087	0.3357	0.7371
16	rs12596376	84477898	C	ADD	7166	0.9821	0.04023	0.9076	1.063	-0.4493	0.6532
16	rs370703	84477981	T	ADD	7283	1.014	0.03643	0.944	1.089	0.3772	0.7061
16	84478065	84478065	G	ADD	7266	0.6296	0.7932	0.133	2.98	-0.5832	0.5598
16	rs395922	84478180	C	ADD	6920	1.115	0.09511	0.9252	1.343	1.143	0.2531
16	rs6540232	84478303	C	ADD	7194	0.9884	0.03771	0.918	1.064	-0.3092	0.7572
16	84478601	84478601	C	ADD	7266	1.185	0.09498	0.9837	1.427	1.787	0.074
16	rs448136	84478848	C	ADD	6904	0.9952	0.03663	0.9263	1.069	-0.13	0.8965
16	84478905	84478905	C	ADD	7288	0.739	0.2974	0.4126	1.324	-1.017	0.3092
16	rs11642286	84479110	G	ADD	7290	0.7277	0.07397	0.6295	0.8412	-4.297	1.73E-05
16	rs391821	84479528	T	ADD	7013	1.058	0.09566	0.8771	1.276	0.589	0.5558
16	rs428530	84480360	G	ADD	7237	1.178	0.09183	0.9836	1.41	1.78	0.07511
16	rs11866609	84480582	G	ADD	7291	1.537	0.3898	0.716	3.3	1.103	0.27
16	rs421710	84481015	C	ADD	7289	1.011	0.03641	0.9411	1.085	0.2924	0.77

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs9308363	84481566	C	ADD	7248	0.9823	0.03725	0.9132	1.057	-0.4789	0.632
16	84481963	84481963	A	ADD	6797	0.7809	0.3307	0.4084	1.493	-0.748	0.4544
16	rs433322	84482073	G	ADD	7227	1.013	0.0364	0.943	1.088	0.349	0.7271
16	rs11860464	84482464	T	ADD	7151	1.269	0.5738	0.412	3.906	0.4148	0.6783
16	84482479	84482479	C	ADD	7238	0.9845	0.03729	0.9151	1.059	-0.4191	0.6752
16	84482626	84482626	O	ADD	7018	NA	NA	NA	NA	NA	NA
16	rs401528	84482872	G	ADD	7211	1.2	0.08921	1.008	1.429	2.045	0.04086
16	rs7193803	84483174	G	ADD	7289	0.9827	0.0373	0.9134	1.057	-0.4668	0.6407
16	84483336	84483336	O	ADD	7281	NA	NA	NA	NA	NA	NA
16	rs11117411	84483439	T	ADD	7208	0.7254	0.07536	0.6258	0.8409	-4.26	2.05E-05
16	rs437740	84483537	C	ADD	7267	1.168	0.09274	0.9737	1.401	1.673	0.09441
16	84483596	84483596	A	ADD	7089	0.7238	0.2061	0.4832	1.084	-1.568	0.1168
16	rs438323	84483902	C	ADD	7265	1.171	0.09283	0.9765	1.405	1.704	0.08837
16	rs12922615	84484196	T	ADD	7193	0.9445	0.07076	0.8222	1.085	-0.8072	0.4196
16	rs394100	84484220	A	ADD	7116	1.152	0.08973	0.9661	1.373	1.575	0.1152
16	rs395498	84484222	G	ADD	7201	1.02	0.03652	0.9496	1.096	0.5439	0.5865
16	rs452478	84484245	G	ADD	7264	1.165	0.09271	0.971	1.397	1.643	0.1004
16	rs452532	84484267	G	ADD	7263	1.17	0.09283	0.9756	1.404	1.693	0.09037
16	rs11117412	84484343	A	ADD	6986	1.001	0.041	0.9239	1.085	0.02902	0.9769
16	rs434216	84484514	C	ADD	6954	1.012	0.03676	0.9413	1.087	0.3138	0.7536
16	rs1809094	84484727	A	ADD	6603	1.05	0.04361	0.9644	1.144	1.129	0.259
16	84484809	84484809	G	ADD	7153	1.588	0.3786	0.756	3.335	1.221	0.222
16	rs572967	84484995	G	ADD	7142	0.9955	0.03713	0.9256	1.071	-0.1206	0.904
16	rs896263	84485020	G	ADD	7286	1.079	0.03952	0.9986	1.166	1.925	0.05424
16	rs403605	84485129	A	ADD	7279	0.9573	0.06021	0.8507	1.077	-0.7254	0.4682
16	rs454128	84485236	G	ADD	6933	1.015	0.04043	0.9378	1.099	0.3711	0.7106
16	rs391023	84485315	T	ADD	7240	1.037	0.03648	0.9658	1.114	1.006	0.3146
16	rs375288	84485372	A	ADD	7184	1.008	0.03742	0.937	1.085	0.2213	0.8248
16	rs446836	84485520	T	ADD	6992	0.798	0.3248	0.4222	1.508	-0.6948	0.4872
16	rs873616	84485667	G	ADD	6977	1.123	0.04548	1.027	1.227	2.542	0.01103
16	84485701	84485701	O	ADD	7292	NA	NA	NA	NA	NA	NA
16	rs60241040	84486065	G	ADD	7218	1.112	0.04448	1.019	1.214	2.391	0.01678
16	rs391855	84486122	T	ADD	7282	1.019	0.03554	0.95	1.092	0.5177	0.6046
16	rs12149363	84486206	G	ADD	7223	0.9409	0.07058	0.8193	1.08	-0.8634	0.3879
16	rs386098	84486701	A	ADD	7115	0.9566	0.06907	0.8355	1.095	-0.6427	0.5205
16	rs369173	84486783	G	ADD	7287	1.01	0.03538	0.9419	1.082	0.2697	0.7874
16	rs398114	84486785	C	ADD	7075	1.015	0.03592	0.9459	1.089	0.4107	0.6813
16	rs369597	84486935	C	ADD	7277	0.9521	0.06877	0.8321	1.089	-0.7134	0.4756
16	rs9924391	84487331	T	ADD	7285	0.9333	0.06963	0.8142	1.07	-0.9919	0.3212
16	rs9932449	84487333	A	ADD	7283	0.9439	0.06867	0.825	1.08	-0.8413	0.4002
16	rs371391	84487395	C	ADD	7283	0.9569	0.06894	0.836	1.095	-0.6388	0.523
16	rs388405	84487398	A	ADD	7291	0.9425	0.0684	0.8242	1.078	-0.8665	0.3862
16	rs28368111	84487756	C	ADD	7254	1.506	0.4032	0.6834	3.319	1.016	0.3097
16	84487779	84487779	T	ADD	7237	1.03E+09	1.72E+04	0	inf	0.001204	0.999
16	rs381139	84487901	C	ADD	7188	0.9405	0.06981	0.8202	1.078	-0.8785	0.3797
16	rs393512	84488072	C	ADD	7231	0.9229	0.06835	0.8072	1.055	-1.173	0.2407
16	rs416515	84488175	C	ADD	7223	0.9381	0.07005	0.8177	1.076	-0.9128	0.3613
16	rs398229	84488191	A	ADD	7223	0.9381	0.07005	0.8177	1.076	-0.9128	0.3613
16	84488361	84488361	C	ADD	1949	1.17	0.1231	0.9197	1.49	1.279	0.2008
16	84488362	84488362	C	ADD	3711	1.028	0.12	0.8128	1.301	0.2327	0.816
16	rs28368112	84488458	C	ADD	6906	1.118	0.04471	1.025	1.221	2.501	0.01237
16	84488780	84488780	C	ADD	7014	0.5613	0.3276	0.2954	1.067	-1.763	0.07794
16	rs170033	84489005	A	ADD	6600	0.9789	0.06697	0.8585	1.116	-0.3181	0.7504

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84489382	84489382	O	ADD	7292	NA	NA	NA	NA	NA	NA
16	rs4843859	84489457	G	ADD	7215	1.102	0.04332	1.012	1.199	2.235	0.02541
16	rs8058349	84489530	G	ADD	7262	0.8852	0.0713	0.7698	1.018	-1.71	0.08725
16	rs191022	84489633	G	ADD	7171	1.063	0.03956	0.9837	1.149	1.545	0.1224
16	rs188602	84489852	T	ADD	7158	0.9224	0.06987	0.8044	1.058	-1.156	0.2478
16	rs422186	84489971	A	ADD	7243	0.9153	0.07046	0.7972	1.051	-1.257	0.2089
16	rs56177354	84490153	T	ADD	6596	0.7592	0.3009	0.421	1.369	-0.9158	0.3598
16	rs2270501	84490489	T	ADD	7284	1.126	0.04482	1.031	1.229	2.646	0.008141
16	rs2270502	84490539	T	ADD	7109	0.8954	0.07549	0.7722	1.038	-1.464	0.1432
16	84490567	84490567	O	ADD	7284	NA	NA	NA	NA	NA	NA
16	84490724	84490724	A	ADD	7236	0.9954	1.07	0.1224	8.098	-0.004269	0.9966
16	84491082	84491082	A	ADD	7206	1.255	0.09653	1.039	1.516	2.352	0.01866
16	rs56196648	84491219	A	ADD	6520	1.124	0.1409	0.8526	1.481	0.8282	0.4076
16	rs305084	84491669	C	ADD	7223	1.14	0.05908	1.016	1.28	2.221	0.02635
16	rs12447817	84491725	A	ADD	5126	0.9815	0.1416	0.7437	1.295	-0.1321	0.8949
16	84491886	84491886	G	ADD	7252	2.253	0.3864	1.056	4.804	2.102	0.03558
16	84491947	84491947	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84492016	84492016	C	ADD	7090	0.9295	0.07387	0.8042	1.074	-0.9903	0.322
16	rs1519978	84492712	T	ADD	7261	0.9417	0.0465	0.8597	1.032	-1.291	0.1967
16	rs16939906	84493007	A	ADD	7231	1.399	0.5732	0.4548	4.302	0.5854	0.5583
16	84493033	84493033	C	ADD	5791	0.779	0.2719	0.4572	1.327	-0.9183	0.3585
16	rs16882	84493074	C	ADD	7281	0.94	0.04639	0.8583	1.029	-1.335	0.1819
16	rs11649549	84493298	C	ADD	7272	0.9374	0.04642	0.8559	1.027	-1.393	0.1637
16	rs305083	84493379	G	ADD	7155	0.9273	0.04742	0.845	1.018	-1.591	0.1115
16	rs12924316	84493764	T	ADD	7287	1.111	0.04455	1.018	1.212	2.357	0.01844
16	84493893	84493893	C	ADD	4211	1.151	0.0623	1.019	1.301	2.26	0.02379
16	84493900	84493900	C	ADD	4274	1.153	0.06218	1.02	1.302	2.284	0.02238
16	84493903	84493903	C	ADD	4275	1.149	0.06216	1.017	1.298	2.236	0.02533
16	84493958	84493958	C	ADD	7268	1.582	0.4372	0.6715	3.726	1.049	0.2942
16	84494383	84494383	T	ADD	7122	0.9813	0.1934	0.6717	1.434	-0.09766	0.9222
16	rs305082	84494479	C	ADD	7283	0.9441	0.04615	0.8625	1.034	-1.246	0.2129
16	84494689	84494689	O	ADD	7270	NA	NA	NA	NA	NA	NA
16	84494863	84494863	C	ADD	7255	1.294	0.0942	1.076	1.557	2.738	0.006189
16	84495087	84495087	T	ADD	7119	1.796	0.9674	0.2697	11.96	0.6055	0.5448
16	rs182511	84495157	G	ADD	7290	1.126	0.1297	0.8736	1.452	0.9179	0.3587
16	84495288	84495288	O	ADD	6925	NA	NA	NA	NA	NA	NA
16	84495780	84495780	A	ADD	7272	1.45	1.081	0.1744	12.06	0.3438	0.731
16	84495918	84495918	C	ADD	4655	1.185	0.1615	0.8632	1.626	1.049	0.2943
16	84495937	84495937	C	ADD	5742	0.8872	0.1114	0.7132	1.104	-1.075	0.2826
16	84495977	84495977	C	ADD	7009	0.9707	0.1869	0.6729	1.4	-0.1592	0.8735
16	rs11642583	84496096	G	ADD	7251	0.8529	0.0511	0.7717	0.9428	-3.113	0.001852
16	rs9940980	84496182	T	ADD	7289	0.8616	0.051	0.7797	0.9522	-2.92	0.003496
16	rs9926664	84496256	G	ADD	7267	0.861	0.05117	0.7789	0.9519	-2.924	0.003457
16	rs11646550	84496336	A	ADD	7240	0.8596	0.05135	0.7773	0.9506	-2.947	0.003213
16	84496676	84496676	O	ADD	7282	NA	NA	NA	NA	NA	NA
16	84496724	84496724	O	ADD	7292	NA	NA	NA	NA	NA	NA
16	84496745	84496745	C	ADD	7004	1.473	1.081	0.1771	12.25	0.3584	0.72
16	84496751	84496751	C	ADD	7004	1.473	1.081	0.1771	12.25	0.3584	0.72
16	rs3794662	84497151	A	ADD	7277	1.296	0.09372	1.078	1.557	2.765	0.005692
16	84497159	84497159	O	ADD	7285	NA	NA	NA	NA	NA	NA
16	rs3794661	84497167	A	ADD	7253	1.257	0.09446	1.045	1.513	2.425	0.01531
16	rs62052556	84497511	T	ADD	7206	0.8423	0.05213	0.7605	0.9329	-3.293	0.000992
16	84497894	84497894	G	ADD	7184	0.9394	0.7319	0.2238	3.943	-0.08543	0.9319

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84497914	84497914	G	ADD	7184	0.9394	0.7319	0.2238	3.943	-0.08543	0.9319
16	84498477	84498477	G	ADD	7015	0.9495	0.1304	0.7353	1.226	-0.3974	0.6911
16	rs4843320	84498514	T	ADD	7152	1.093	0.04654	0.9977	1.197	1.911	0.05606
16	84498527	84498527	A	ADD	7103	0.9823	0.1934	0.6724	1.435	-0.09209	0.9266
16	84498533	84498533	T	ADD	7017	0.971	0.2996	0.5397	1.747	-0.09826	0.9217
16	84499184	84499184	G	ADD	7245	1.568	0.5042	0.5838	4.214	0.8926	0.3721
16	rs305080	84499275	T	ADD	7205	1.014	0.0372	0.9424	1.09	0.3655	0.7148
16	84499414	84499414	G	ADD	7073	1.285	0.1836	0.8966	1.842	1.366	0.172
16	rs10514610	84499676	C	ADD	7292	1.265	0.09051	1.059	1.511	2.597	0.009405
16	rs16939917	84499921	A	ADD	7237	1.278	0.09075	1.07	1.527	2.702	0.006896
16	rs305079	84499997	C	ADD	7282	1.309	0.08766	1.102	1.554	3.068	0.002156
16	84500417	84500417	O	ADD	7262	NA	NA	NA	NA	NA	NA
16	rs305078	84500644	G	ADD	7262	2.775	0.5315	0.9794	7.865	1.921	0.05476
16	rs3794660	84500669	C	ADD	7202	1.254	0.09713	1.037	1.517	2.333	0.01962
16	84500726	84500726	T	ADD	7102	0.9827	0.1934	0.6727	1.436	-0.09009	0.9282
16	rs305077	84500967	C	ADD	7287	1.03	0.0369	0.958	1.107	0.7976	0.4251
16	84501753	84501753	O	ADD	7286	NA	NA	NA	NA	NA	NA
16	84501767	84501767	O	ADD	7285	NA	NA	NA	NA	NA	NA
16	84501890	84501890	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84501918	84501918	O	ADD	7279	NA	NA	NA	NA	NA	NA
16	rs391525	84501940	G	ADD	7282	1.028	0.0369	0.9562	1.105	0.7475	0.4548
16	rs366304	84502301	A	ADD	7235	0.9202	0.5082	0.3399	2.492	-0.1635	0.8701
16	rs2292982	84502324	G	ADD	7287	1.033	0.03691	0.9612	1.111	0.8886	0.3742
16	84502367	84502367	O	ADD	7242	NA	NA	NA	NA	NA	NA
16	rs2292980	84502577	C	ADD	7286	1.035	0.03691	0.9629	1.113	0.9362	0.3492
16	84502640	84502640	A	ADD	7291	1.958	0.7959	0.4115	9.318	0.8443	0.3985
16	rs8052064	84502732	T	ADD	7115	0.8326	0.05238	0.7513	0.9226	-3.498	0.0004685
16	rs16939945	84502750	T	ADD	7253	0.841	0.1074	0.6813	1.038	-1.612	0.1069
16	84502870	84502870	T	ADD	7291	0.9146	0.877	0.164	5.102	-0.1017	0.919
16	84502888	84502888	C	ADD	7291	0.9146	0.877	0.164	5.102	-0.1017	0.919
16	rs1519976	84503176	G	ADD	7269	1.017	0.03536	0.9492	1.09	0.4841	0.6283
16	rs768410	84503229	G	ADD	7274	1.017	0.03535	0.9492	1.09	0.4852	0.6275
16	rs147968	84503340	C	ADD	7264	1.016	0.03537	0.9482	1.089	0.4568	0.6478
16	84503481	84503481	O	ADD	7290	NA	NA	NA	NA	NA	NA
16	84503489	84503489	O	ADD	7236	NA	NA	NA	NA	NA	NA
16	rs925994	84503518	A	ADD	7266	1.285	0.09282	1.071	1.541	2.698	0.006981
16	rs12923978	84503825	C	ADD	7159	1.157	0.04322	1.063	1.259	3.374	0.000742
16	rs424971	84503951	C	ADD	7232	1.013	0.03553	0.9446	1.086	0.3564	0.7215
16	rs11649318	84503982	C	ADD	7277	1.009	0.03603	0.9404	1.083	0.2557	0.7982
16	rs11863590	84503995	G	ADD	7166	1.159	0.04319	1.065	1.262	3.42	0.0006269
16	84504494	84504494	O	ADD	7272	NA	NA	NA	NA	NA	NA
16	84504502	84504502	O	ADD	7286	NA	NA	NA	NA	NA	NA
16	84504605	84504605	C	ADD	6931	0.9656	0.05977	0.8588	1.086	-0.586	0.5579
16	84504608	84504608	T	ADD	7284	1.274	0.5987	0.394	4.118	0.4042	0.6861
16	84504790	84504790	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs8051462	84504828	G	ADD	7263	1.019	0.03542	0.9507	1.092	0.5334	0.5938
16	rs8064111	84504976	T	ADD	7169	0.8725	0.05418	0.7846	0.9703	-2.517	0.01185
16	rs8047999	84505028	C	ADD	7279	1.013	0.0354	0.9455	1.086	0.3766	0.7064
16	84505065	84505065	C	ADD	7266	0.6388	1.418	0.03968	10.28	-0.3161	0.7519
16	84505099	84505099	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84505252	84505252	A	ADD	7147	1.237	0.1904	0.8516	1.796	1.116	0.2644
16	rs903202	84505280	C	ADD	7176	1.01	0.0356	0.9418	1.083	0.2744	0.7838
16	rs13331970	84505479	A	ADD	7266	1.062	0.3806	0.5038	2.24	0.1588	0.8739

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs17444416	84505599	A	ADD	7283	1.011	0.07457	0.8734	1.17	0.145	0.8847
16	84505753	84505753	G	ADD	7276	1.14	0.6086	0.3457	3.757	0.2148	0.8299
16	rs11649271	84505830	C	ADD	7240	0.8424	0.05207	0.7606	0.9329	-3.294	0.0009871
16	84505980	84505980	O	ADD	7291	NA	NA	NA	NA	NA	NA
16	rs903203	84506142	A	ADD	6920	1.104	0.03814	1.025	1.19	2.605	0.009201
16	84506417	84506417	T	ADD	7283	1.136	0.6088	0.3446	3.747	0.2099	0.8338
16	rs403038	84506572	A	ADD	7285	0.8396	0.05123	0.7594	0.9283	-3.412	0.0006447
16	rs8054513	84506608	G	ADD	7271	0.8384	0.0518	0.7575	0.928	-3.403	0.0006657
16	rs8059127	84506690	A	ADD	7276	1.08	0.3363	0.5589	2.088	0.2296	0.8184
16	rs62052557	84506707	A	ADD	6819	0.711	0.4352	0.303	1.669	-0.7837	0.4332
16	rs305071	84506772	A	ADD	7025	0.8459	0.05517	0.7592	0.9425	-3.034	0.002417
16	rs28552575	84506805	T	ADD	7273	0.9508	0.4086	0.4268	2.118	-0.1236	0.9017
16	84506880	84506880	C	ADD	7240	1.007	0.2438	0.6245	1.624	0.02935	0.9766
16	rs305070	84506925	G	ADD	7282	0.8454	0.05029	0.7661	0.933	-3.339	0.0008409
16	rs9928776	84506960	T	ADD	7271	1.08	0.4051	0.4883	2.389	0.1901	0.8492
16	rs16939967	84506974	T	ADD	7285	1.119	0.04643	1.022	1.226	2.426	0.01528
16	rs305069	84507059	C	ADD	7127	1.015	0.03578	0.9461	1.089	0.4102	0.6817
16	rs35819447	84507211	G	ADD	6992	1.47	1.081	0.1768	12.23	0.3566	0.7214
16	84507230	84507230	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs305068	84507397	G	ADD	7237	0.84	0.05187	0.7588	0.9299	-3.361	0.0007765
16	rs16939969	84507645	C	ADD	7281	0.9637	0.3079	0.5271	1.762	-0.1202	0.9044
16	rs28631400	84507948	T	ADD	7277	0.8125	0.3745	0.3899	1.693	-0.5545	0.5792
16	rs28407896	84507957	T	ADD	7277	0.8125	0.3745	0.3899	1.693	-0.5545	0.5792
16	84508024	84508024	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs11117415	84508187	G	ADD	7280	1.227	0.07505	1.059	1.422	2.73	0.006343
16	84508204	84508204	O	ADD	7291	NA	NA	NA	NA	NA	NA
16	rs4843860	84508422	G	ADD	7258	1.058	0.03871	0.9807	1.141	1.457	0.1452
16	rs4843861	84508477	T	ADD	7284	1.058	0.03858	0.9809	1.141	1.459	0.1446
16	rs9926067	84508696	G	ADD	7285	0.8739	0.3212	0.4657	1.64	-0.4197	0.6747
16	rs12926854	84508759	G	ADD	7244	1.055	0.03869	0.9782	1.138	1.391	0.1641
16	rs8054065	84508855	A	ADD	7191	1.02	0.03531	0.9519	1.093	0.5634	0.5731
16	84508893	84508893	O	ADD	7158	NA	NA	NA	NA	NA	NA
16	rs8046526	84509136	T	ADD	7280	0.8143	0.04844	0.7405	0.8954	-4.242	2.22E-05
16	rs9934699	84509137	A	ADD	7234	1.198	0.06725	1.05	1.366	2.683	0.007304
16	rs9934701	84509148	A	ADD	7234	1.198	0.06725	1.05	1.366	2.683	0.007304
16	rs9926411	84509158	G	ADD	7287	1.198	0.1272	0.9341	1.538	1.424	0.1545
16	rs8058904	84509183	G	ADD	7269	0.8167	0.04855	0.7426	0.8982	-4.171	3.03E-05
16	rs9924484	84509239	G	ADD	7239	1.209	0.06719	1.06	1.379	2.828	0.00469
16	rs9924488	84509249	G	ADD	7238	1.057	0.03857	0.9799	1.14	1.434	0.1516
16	rs8064189	84509297	G	ADD	7175	0.9205	0.04182	0.848	0.9991	-1.981	0.04758
16	84509524	84509524	O	ADD	6594	NA	NA	NA	NA	NA	NA
16	84509646	84509646	O	ADD	7113	NA	NA	NA	NA	NA	NA
16	rs28368114	84509781	A	ADD	7063	0.6899	0.5963	0.2144	2.22	-0.6226	0.5336
16	rs61995933	84509816	T	ADD	7236	2.37	1.291	0.1887	29.77	0.6682	0.504
16	84510111	84510111	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84510173	84510173	C	ADD	7142	0.64	1.418	0.0397	10.32	-0.3146	0.7531
16	rs2280378	84510246	G	ADD	7258	1.01	0.03499	0.9435	1.082	0.2975	0.7661
16	rs7185022	84510430	A	ADD	7227	0.9869	0.0354	0.9208	1.058	-0.3712	0.7105
16	rs13338943	84510452	T	ADD	7292	0.9692	0.05388	0.872	1.077	-0.5812	0.5611
16	rs12929551	84510511	T	ADD	7279	1.103	0.04621	1.007	1.207	2.119	0.03406
16	84510613	84510613	T	ADD	7270	6.79	0.7925	1.437	32.09	2.417	0.01565
16	rs16939994	84510669	G	ADD	7271	1.136	0.1319	0.8771	1.471	0.9655	0.3343
16	rs8057456	84510697	T	ADD	7080	1.027	0.03644	0.9559	1.103	0.7219	0.4703

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84510714	84510714	C	ADD	7232	2.29E-09	2.44E+04	0	inf	-0.0008161	0.9993
16	84510896	84510896	A	ADD	6943	0.9837	0.1337	0.757	1.278	-0.1225	0.9025
16	84510938	84510938	O	ADD	7264	NA	NA	NA	NA	NA	NA
16	rs9927932	84510947	T	ADD	7292	1.621	0.3832	0.7652	3.436	1.261	0.2072
16	rs11866752	84510994	T	ADD	7283	1.601	0.4258	0.6948	3.687	1.105	0.2693
16	rs28368115	84511122	T	ADD	7259	1.065	0.1357	0.8162	1.39	0.464	0.6426
16	rs16940005	84511183	C	ADD	7235	1.121	0.04665	1.023	1.229	2.457	0.01402
16	84511331	84511331	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs35593615	84511410	G	ADD	7262	1.112	0.04629	1.016	1.218	2.3	0.02145
16	rs3751712	84511456	C	ADD	6625	0.9837	0.03746	0.914	1.059	-0.4398	0.6601
16	84511483	84511483	A	ADD	5779	0.9154	0.2223	0.5921	1.415	-0.3977	0.6908
16	rs4843321	84511577	C	ADD	7103	0.9994	0.03638	0.9306	1.073	-0.01786	0.9858
16	84511720	84511720	G	ADD	7288	9.156	1.101	1.058	79.2	2.012	0.04426
16	rs16940007	84511788	T	ADD	7288	3.93E-10	2.44E+04	0	inf	-0.0008884	0.9993
16	rs16940009	84512089	C	ADD	7289	2.387	0.4901	0.9135	6.239	1.775	0.07585
16	84512224	84512224	T	ADD	7291	1.26E+09	2.44E+04	0	inf	0.0008596	0.9993
16	rs2270503	84512302	A	ADD	7283	0.6601	0.9258	0.1075	4.052	-0.4487	0.6536
16	84512462	84512462	O	ADD	7286	NA	NA	NA	NA	NA	NA
16	84512553	84512553	O	ADD	7291	NA	NA	NA	NA	NA	NA
16	84512648	84512648	A	ADD	7288	2.709	1.318	0.2047	35.86	0.7562	0.4495
16	rs28368116	84512695	C	ADD	7237	0.6882	0.265	0.4094	1.157	-1.41	0.1586
16	rs10514611	84512743	T	ADD	7233	0.9123	0.04294	0.8387	0.9924	-2.138	0.03252
16	rs1568391	84512805	G	ADD	6993	1.009	0.03608	0.94	1.083	0.2465	0.8053
16	rs305072	84513164	G	ADD	7278	1.021	0.1268	0.7963	1.309	0.1635	0.8701
16	rs1044873	84513172	A	ADD	7167	1.001	0.0363	0.9323	1.075	0.02909	0.9768
16	84513230	84513230	A	ADD	6947	1.005	0.03608	0.9363	1.079	0.1353	0.8924
16	84513410	84513410	G	ADD	7282	0.6603	0.9258	0.1076	4.053	-0.4484	0.6539
16	rs28368119	84513449	T	ADD	7024	0.7298	0.2194	0.4747	1.122	-1.436	0.1511
16	84513495	84513495	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs6638	84513545	A	ADD	6938	1.01	0.03609	0.9408	1.084	0.2684	0.7884
16	84513863	84513863	C	ADD	2091	0.9927	0.07005	0.8654	1.139	-0.1045	0.9168
16	rs11646027	84513898	C	ADD	7260	0.9223	0.04255	0.8485	1.003	-1.9	0.05746
16	rs28368120	84514144	T	ADD	7278	1.078	0.129	0.8374	1.388	0.5841	0.5591
16	84514396	84514396	C	ADD	6891	1.472	0.2081	0.979	2.214	1.858	0.06317
16	rs7204286	84514422	T	ADD	7162	0.925	0.04279	0.8506	1.006	-1.822	0.06839
16	rs1021479	84514915	C	ADD	7275	1.097	0.1264	0.8565	1.406	0.7346	0.4626
16	84514923	84514923	O	ADD	7284	NA	NA	NA	NA	NA	NA
16	rs305073	84515294	T	ADD	7192	1.021	0.03602	0.9513	1.096	0.5748	0.5654
16	rs305074	84515321	C	ADD	7190	1.019	0.03583	0.9496	1.093	0.5153	0.6064
16	rs9932835	84515425	G	ADD	7260	0.9262	0.04254	0.8521	1.007	-1.802	0.0715
16	rs11117416	84515825	G	ADD	7291	0.9259	0.04248	0.8519	1.006	-1.812	0.07001
16	84516049	84516049	O	ADD	7186	NA	NA	NA	NA	NA	NA
16	84516201	84516201	T	ADD	7292	2.00E-09	2.44E+04	0	inf	-0.0008216	0.9993
16	rs16940023	84516215	T	ADD	7278	1.063	0.1248	0.8324	1.358	0.4906	0.6237
16	rs8052521	84516230	A	ADD	7281	0.9342	0.0412	0.8617	1.013	-1.652	0.09856
16	rs1021480	84516471	G	ADD	7204	0.9423	0.04146	0.8688	1.022	-1.433	0.1519
16	rs1021481	84516521	A	ADD	7280	0.9384	0.04126	0.8655	1.017	-1.542	0.1231
16	rs880364	84516666	G	ADD	7286	0.9418	0.04119	0.8688	1.021	-1.455	0.1455
16	rs880365	84516863	T	ADD	7289	0.9358	0.04127	0.863	1.015	-1.609	0.1076
16	rs880366	84516939	C	ADD	7288	0.9393	0.04118	0.8664	1.018	-1.522	0.128
16	84517038	84517038	O	ADD	7272	NA	NA	NA	NA	NA	NA
16	84517061	84517061	O	ADD	7267	NA	NA	NA	NA	NA	NA
16	84517099	84517099	O	ADD	7293	NA	NA	NA	NA	NA	NA

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs305075	84517136	T	ADD	7281	1.008	0.03552	0.9404	1.081	0.2301	0.818
16	84517710	84517710	O	ADD	7290	NA	NA	NA	NA	NA	NA
16	rs11644411	84517732	C	ADD	7219	0.927	0.04265	0.8527	1.008	-1.776	0.07568
16	rs11648480	84517780	T	ADD	7232	0.9291	0.04264	0.8546	1.01	-1.725	0.08448
16	84517870	84517870	A	ADD	7084	1.199	0.1331	0.9238	1.556	1.364	0.1725
16	84517901	84517901	C	ADD	7278	0.4056	0.566	0.1338	1.23	-1.594	0.1109
16	rs1472235	84518468	A	ADD	7146	0.9476	0.03907	0.8778	1.023	-1.377	0.1685
16	84518535	84518535	T	ADD	6843	0.7196	0.5074	0.2662	1.945	-0.6486	0.5166
16	rs1038953	84518591	A	ADD	6804	1.394	0.2868	0.7946	2.445	1.158	0.2469
16	84518682	84518682	A	ADD	7218	1.565	0.5042	0.5824	4.203	0.8877	0.3747
16	84518866	84518866	C	ADD	7212	2.055	1.157	0.213	19.83	0.6228	0.5334
16	rs4843862	84518960	G	ADD	5477	0.9913	0.04137	0.9141	1.075	-0.2104	0.8334
16	rs17444745	84519063	A	ADD	7288	0.9651	0.04655	0.8809	1.057	-0.7634	0.4452
16	84519295	84519295	T	ADD	7290	9.149	1.101	1.058	79.14	2.011	0.04434
16	84519403	84519403	G	ADD	7217	1.136	0.3352	0.5887	2.191	0.3797	0.7042
16	84519498	84519498	G	ADD	7283	0.4952	0.8908	0.08641	2.838	-0.7889	0.4302
16	84519800	84519800	C	ADD	7273	2.186	0.8622	0.4035	11.85	0.9072	0.3643
16	rs305076	84519862	C	ADD	7269	6.247	1.153	0.652	59.86	1.589	0.112
16	84520081	84520081	O	ADD	7283	NA	NA	NA	NA	NA	NA
16	84520237	84520237	C	ADD	7280	1.768	1.157	0.1832	17.07	0.4928	0.6221
16	84520351	84520351	C	ADD	6511	1.092	0.09666	0.9039	1.32	0.9152	0.3601
16	84520516	84520516	A	ADD	6497	1.094	0.09568	0.9071	1.32	0.941	0.3467
16	84520518	84520518	O	ADD	7286	NA	NA	NA	NA	NA	NA
16	84520604	84520604	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84521376	84521376	T	ADD	6961	1.758	0.2917	0.9923	3.114	1.933	0.05318
16	84521433	84521433	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84521580	84521580	G	ADD	7263	5.445	0.7973	1.141	25.98	2.126	0.03354
16	84521632	84521632	T	ADD	7197	0.6605	1.221	0.06032	7.232	-0.3397	0.7341
16	84521737	84521737	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs12598785	84521809	G	ADD	7236	0.9835	0.05175	0.8887	1.089	-0.3206	0.7485
16	rs60218704	84521854	C	ADD	7269	9.172	1.101	1.059	79.41	2.012	0.04417
16	rs8045988	84521891	A	ADD	7289	1.215	0.0656	1.068	1.381	2.963	0.003047
16	rs366078	84522064	C	ADD	7271	0.8311	0.05734	0.7428	0.93	-3.226	0.001254
16	rs2172625	84522286	C	ADD	7137	0.8151	0.05845	0.7269	0.914	-3.498	0.0004691
16	rs2970094	84522327	A	ADD	6790	0.8362	0.05764	0.7469	0.9362	-3.103	0.001915
16	84522420	84522420	A	ADD	7225	0.7236	1.423	0.04453	11.76	-0.2274	0.8201
16	84522462	84522462	O	ADD	7284	NA	NA	NA	NA	NA	NA
16	rs399280	84522499	G	ADD	7151	0.8599	0.05756	0.7682	0.9626	-2.622	0.008744
16	rs383425	84522540	T	ADD	7274	1.073	0.03672	0.9985	1.153	1.92	0.05485
16	84522577	84522577	C	ADD	7264	0.8475	0.05769	0.7569	0.9489	-2.869	0.004123
16	84522585	84522585	C	ADD	7032	1.727	0.3651	0.8447	3.533	1.497	0.1343
16	rs56200928	84522852	C	ADD	6987	1.615	0.1866	1.12	2.328	2.569	0.01021
16	84522867	84522867	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84522980	84522980	A	ADD	7279	1.604	1.554	0.0763	33.72	0.3041	0.7611
16	rs523642	84523096	A	ADD	7251	0.8488	0.05784	0.7578	0.9507	-2.834	0.004593
16	rs524432	84523155	C	ADD	7290	0.8518	0.05728	0.7613	0.953	-2.801	0.005097
16	84523165	84523165	A	ADD	7284	0.669	0.2854	0.3824	1.17	-1.408	0.159
16	84523216	84523216	T	ADD	7279	4.24E+09	2.44E+04	0	inf	0.0009093	0.9993
16	rs388988	84523302	T	ADD	7238	0.8439	0.05733	0.7542	0.9442	-2.961	0.003065
16	84523320	84523320	O	ADD	7286	NA	NA	NA	NA	NA	NA
16	rs73266819	84523372	C	ADD	7282	0.9734	0.7936	0.2055	4.611	-0.03402	0.9729
16	84523433	84523433	C	ADD	7030	0.8245	0.05988	0.7332	0.9271	-3.224	0.001266
16	rs411221	84523460	C	ADD	7123	0.8365	0.0584	0.746	0.9379	-3.057	0.002236

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84523472	84523472	0	ADD	7293	NA	NA	NA	NA	NA	NA
16	84523510	84523510	0	ADD	7284	NA	NA	NA	NA	NA	NA
16	rs878453	84523664	C	ADD	7021	1.011	0.03611	0.9416	1.085	0.2922	0.7701
16	rs878454	84523673	A	ADD	7263	1.029	0.04066	0.9503	1.114	0.7053	0.4806
16	rs903201	84523785	C	ADD	7200	0.9749	0.0529	0.8788	1.081	-0.4813	0.6303
16	rs11861479	84523794	G	ADD	7202	0.9743	0.0529	0.8783	1.081	-0.4922	0.6225
16	rs11117417	84523830	T	ADD	7204	0.9769	0.05291	0.8806	1.084	-0.4423	0.6583
16	rs58980382	84523934	T	ADD	7011	0.7791	0.06296	0.6887	0.8814	-3.965	7.35E-05
16	rs11860480	84523959	C	ADD	7277	0.8967	0.04068	0.828	0.9711	-2.68	0.007369
16	rs11860517	84524000	G	ADD	7271	0.9846	0.05242	0.8885	1.091	-0.2953	0.7678
16	rs11117418	84524028	G	ADD	7269	0.9576	0.04957	0.8689	1.055	-0.874	0.3821
16	rs12051539	84524038	G	ADD	7176	1.193	0.1523	0.8848	1.607	1.156	0.2475
16	84524043	84524043	A	ADD	7085	1.072	0.1249	0.8395	1.37	0.5594	0.5759
16	84524049	84524049	G	ADD	7137	0.791	0.06099	0.7018	0.8914	-3.845	0.0001206
16	84524139	84524139	0	ADD	7280	NA	NA	NA	NA	NA	NA
16	rs13332649	84524184	G	ADD	7038	0.773	0.05013	0.7007	0.8528	-5.136	2.81E-07
16	rs875529	84524187	C	ADD	7256	0.9825	0.05246	0.8865	1.089	-0.3371	0.736
16	rs875528	84524211	A	ADD	7188	1.28	0.1495	0.955	1.716	1.652	0.0986
16	84524220	84524220	T	ADD	7167	0.8285	0.1853	0.5762	1.191	-1.015	0.3102
16	rs875527	84524231	A	ADD	7290	1.291	0.1502	0.9615	1.732	1.699	0.08937
16	rs419030	84524302	A	ADD	7146	1.161	0.03883	1.076	1.253	3.848	0.0001189
16	84524389	84524389	0	ADD	7292	NA	NA	NA	NA	NA	NA
16	84524454	84524454	C	ADD	6972	0.6059	0.8191	0.1217	3.017	-0.6117	0.5407
16	84524516	84524516	C	ADD	7284	1.539	0.6129	0.4631	5.117	0.7038	0.4815
16	rs12596341	84524541	A	ADD	7263	0.9352	0.05662	0.837	1.045	-1.182	0.237
16	rs7198271	84524586	G	ADD	7250	0.9017	0.5357	0.3156	2.577	-0.1931	0.8469
16	84524664	84524664	C	ADD	6778	1.13	0.03723	1.051	1.216	3.286	0.001015
16	84524665	84524665	C	ADD	7113	1.131	0.0361	1.053	1.214	3.403	0.0006675
16	84524666	84524666	C	ADD	7113	1.131	0.0361	1.053	1.214	3.403	0.0006675
16	84524668	84524668	C	ADD	7079	1.133	0.0362	1.055	1.216	3.448	0.0005646
16	84524687	84524687	C	ADD	4145	0.7315	0.1371	0.5591	0.9569	-2.281	0.02254
16	84524706	84524706	C	ADD	3209	0.8695	0.08964	0.7294	1.037	-1.559	0.1189
16	84524707	84524707	C	ADD	2801	0.8463	0.1138	0.6772	1.058	-1.466	0.1425
16	84524722	84524722	C	ADD	5976	0.9304	0.2161	0.6091	1.421	-0.3338	0.7385
16	84524723	84524723	C	ADD	5947	0.9311	0.216	0.6097	1.422	-0.3303	0.7412
16	84524750	84524750	T	ADD	7022	0.6435	0.1183	0.5103	0.8114	-3.727	0.0001941
16	rs12444221	84524786	T	ADD	7259	0.7904	0.04855	0.7186	0.8693	-4.846	1.26E-06
16	84524997	84524997	0	ADD	7234	NA	NA	NA	NA	NA	NA
16	rs437291	84525009	C	ADD	7223	1.145	0.03574	1.067	1.228	3.785	0.0001539
16	84525054	84525054	0	ADD	7290	NA	NA	NA	NA	NA	NA
16	84525087	84525087	T	ADD	6970	1.651	0.347	0.8361	3.259	1.444	0.1487
16	rs9936079	84525095	A	ADD	6957	0.7809	0.04926	0.7091	0.8601	-5.02	5.18E-07
16	rs385344	84525105	G	ADD	7244	1.179	0.03868	1.093	1.272	4.25	2.13E-05
16	rs447632	84525141	G	ADD	7273	1.132	0.03589	1.055	1.215	3.458	0.0005437
16	rs34337659	84525158	C	ADD	7269	1.177	0.03858	1.091	1.269	4.219	2.45E-05
16	rs66509440	84525182	T	ADD	6835	1.182	0.04133	1.09	1.282	4.054	5.05E-05
16	rs66804793	84525190	A	ADD	6836	1.183	0.04133	1.091	1.282	4.06	4.92E-05
16	rs9925859	84525223	C	ADD	7248	0.9874	0.03713	0.9181	1.062	-0.342	0.7324
16	rs74032085	84525245	C	ADD	6690	1.199	0.04218	1.104	1.303	4.312	1.62E-05
16	rs16940044	84525266	G	ADD	6671	1.199	0.04234	1.104	1.303	4.295	1.75E-05
16	84525360	84525360	G	ADD	7143	3.78E-10	2.44E+04	0	inf	-0.00089	0.9993
16	rs2934497	84525379	T	ADD	6646	1.223	0.04282	1.125	1.33	4.704	2.55E-06
16	rs2970091	84525387	A	ADD	6730	1.217	0.04229	1.12	1.322	4.649	3.33E-06

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs2970090	84525392	A	ADD	6716	1.168	0.03822	1.084	1.259	4.074	4.63E-05
16	rs56239618	84525421	G	ADD	6704	1.119	0.04837	1.018	1.23	2.327	0.01998
16	rs57439018	84525761	C	ADD	7272	0.9714	0.7936	0.205	4.602	-0.03659	0.9708
16	84525770	84525770	A	ADD	7287	1.20E+09	1.41E+04	0	inf	0.001486	0.9988
16	rs2934498	84525783	G	ADD	7281	1.183	0.03861	1.097	1.276	4.362	1.29E-05
16	rs447919	84526058	T	ADD	7260	0.9887	0.03716	0.9193	1.063	-0.3046	0.7606
16	84526080	84526080	O	ADD	7288	NA	NA	NA	NA	NA	NA
16	84526134	84526134	O	ADD	7282	NA	NA	NA	NA	NA	NA
16	rs439885	84526175	A	ADD	7287	1.177	0.03859	1.092	1.27	4.23	2.34E-05
16	rs10400953	84526344	T	ADD	7266	0.9869	0.05261	0.8902	1.094	-0.2506	0.8021
16	84526382	84526382	T	ADD	7280	7.46E-10	1.62E+04	0	inf	-0.001298	0.999
16	rs450443	84526392	G	ADD	7253	1.182	0.03866	1.096	1.275	4.331	1.48E-05
16	rs396987	84526435	G	ADD	7251	1.183	0.03867	1.097	1.276	4.351	1.36E-05
16	rs385989	84526509	G	ADD	7198	1.137	0.03568	1.061	1.22	3.608	0.0003088
16	84526528	84526528	A	ADD	7220	0.9631	0.2825	0.5536	1.675	-0.133	0.8942
16	rs4843865	84526806	T	ADD	7272	0.7945	0.04842	0.7225	0.8736	-4.751	2.02E-06
16	84527141	84527141	C	ADD	7276	0.7956	0.04837	0.7237	0.8747	-4.726	2.29E-06
16	rs8052690	84527239	G	ADD	7287	0.7995	0.04833	0.7272	0.8789	-4.63	3.65E-06
16	rs7185692	84527553	G	ADD	7257	0.9826	0.05271	0.8861	1.089	-0.3337	0.7386
16	84527600	84527600	C	ADD	2997	0.9931	0.07459	0.858	1.149	-0.09274	0.9261
16	84527601	84527601	A	ADD	5720	0.941	0.04145	0.8676	1.021	-1.467	0.1423
16	84527603	84527603	C	ADD	4131	0.9937	0.05154	0.8983	1.099	-0.1216	0.9032
16	84527612	84527612	C	ADD	6974	2.348	0.3906	1.092	5.047	2.185	0.0289
16	84527613	84527613	T	ADD	6647	1.678	0.3378	0.8657	3.254	1.533	0.1253
16	84527727	84527727	O	ADD	7166	NA	NA	NA	NA	NA	NA
16	84527829	84527829	C	ADD	7177	1.23	0.5215	0.4425	3.418	0.3967	0.6916
16	rs8059144	84527977	C	ADD	7236	0.855	0.0388	0.7924	0.9226	-4.036	5.43E-05
16	rs8045825	84527979	G	ADD	7241	0.8552	0.03878	0.7926	0.9227	-4.033	5.50E-05
16	84528014	84528014	G	ADD	7285	3.93E-10	2.44E+04	0	inf	-0.0008884	0.9993
16	84528020	84528020	T	ADD	7249	0.3944	0.5708	0.1289	1.207	-1.63	0.1031
16	rs4843866	84528151	T	ADD	7244	0.855	0.03877	0.7924	0.9225	-4.042	5.30E-05
16	rs4843867	84528219	G	ADD	7246	0.855	0.03877	0.7924	0.9225	-4.041	5.32E-05
16	84528233	84528233	A	ADD	7286	0.1333	1.091	0.01571	1.132	-1.846	0.06485
16	rs186249	84528397	C	ADD	7118	1.181	0.03932	1.093	1.275	4.221	2.44E-05
16	84528620	84528620	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84528669	84528669	O	ADD	7272	NA	NA	NA	NA	NA	NA
16	rs12149636	84528721	G	ADD	7267	0.8561	0.03929	0.7927	0.9247	-3.954	7.69E-05
16	84528857	84528857	C	ADD	7063	0.8532	0.04109	0.7872	0.9247	-3.864	0.0001113
16	84528860	84528860	T	ADD	6258	0.7446	0.06097	0.6607	0.8391	-4.836	1.32E-06
16	rs12149642	84528922	T	ADD	6982	0.8392	0.04156	0.7735	0.9104	-4.219	2.45E-05
16	84529014	84529014	G	ADD	6899	0.8294	0.1393	0.6312	1.09	-1.343	0.1793
16	84529016	84529016	C	ADD	3130	0.813	0.08057	0.6943	0.9521	-2.569	0.01019
16	84529025	84529025	C	ADD	5374	0.908	0.07985	0.7765	1.062	-1.208	0.2269
16	84529026	84529026	C	ADD	5832	0.7939	0.06047	0.7052	0.8938	-3.816	0.0001355
16	84529027	84529027	C	ADD	6415	0.831	0.04619	0.759	0.9097	-4.009	6.11E-05
16	84529028	84529028	C	ADD	6282	0.8552	0.0448	0.7833	0.9337	-3.49	0.0004824
16	84529029	84529029	C	ADD	6579	0.8419	0.04241	0.7748	0.9149	-4.057	4.97E-05
16	84529030	84529030	C	ADD	6579	0.8419	0.04241	0.7748	0.9149	-4.057	4.97E-05
16	84529031	84529031	C	ADD	6283	0.8319	0.04277	0.765	0.9047	-4.303	1.69E-05
16	rs12149223	84529032	C	ADD	5696	0.8714	0.1225	0.6855	1.108	-1.124	0.261
16	84529037	84529037	C	ADD	6871	0.8912	0.2261	0.5721	1.388	-0.5097	0.6103
16	84529038	84529038	C	ADD	6932	1.189	0.3545	0.5934	2.382	0.4879	0.6256
16	84529220	84529220	T	ADD	6981	0.9867	0.1462	0.7409	1.314	-0.09145	0.9271

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84529277	84529277	0	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs305067	84529341	C	ADD	6672	0.9858	0.03967	0.912	1.065	-0.3616	0.7177
16	rs11117419	84529383	G	ADD	7258	0.8473	0.04083	0.7822	0.9179	-4.057	4.97E-05
16	rs11117420	84529423	C	ADD	7045	0.814	0.05229	0.7347	0.9019	-3.935	8.32E-05
16	rs11117421	84529461	A	ADD	7257	0.8475	0.04083	0.7823	0.9181	-4.053	5.06E-05
16	rs11117422	84529514	C	ADD	7195	0.7825	0.05014	0.7093	0.8633	-4.891	1.01E-06
16	84529575	84529575	0	ADD	7220	NA	NA	NA	NA	NA	NA
16	rs11117423	84529682	C	ADD	7222	0.8463	0.04097	0.781	0.9171	-4.073	4.64E-05
16	rs11117424	84529738	G	ADD	7277	0.8488	0.04076	0.7836	0.9194	-4.023	5.75E-05
16	rs11117425	84529772	T	ADD	7280	0.8488	0.04085	0.7835	0.9196	-4.012	6.03E-05
16	rs11648012	84529908	T	ADD	7273	0.8493	0.04075	0.7841	0.9199	-4.008	6.14E-05
16	84530040	84530040	T	ADD	7278	0.7145	1.419	0.04424	11.54	-0.2369	0.8128
16	rs11643999	84530070	A	ADD	7281	0.8476	0.04077	0.7825	0.9182	-4.054	5.03E-05
16	rs11648084	84530099	T	ADD	7289	0.8494	0.04079	0.7841	0.9201	-4.001	6.30E-05
16	rs11644034	84530113	A	ADD	7245	0.7908	0.04996	0.717	0.8722	-4.698	2.63E-06
16	rs16940083	84530130	T	ADD	7284	0.7603	0.7658	0.1695	3.411	-0.3579	0.7204
16	84530187	84530187	0	ADD	7136	NA	NA	NA	NA	NA	NA
16	rs305066	84530277	T	ADD	7202	1.177	0.03804	1.092	1.268	4.276	1.91E-05
16	rs12600127	84530280	G	ADD	7238	0.8471	0.04089	0.7819	0.9178	-4.058	4.95E-05
16	rs13335265	84530311	C	ADD	6901	0.7697	0.05105	0.6964	0.8507	-5.128	2.93E-07
16	84530325	84530325	0	ADD	7235	NA	NA	NA	NA	NA	NA
16	84530431	84530431	G	ADD	7282	7.47E-10	1.62E+04	0	inf	-0.001298	0.999
16	rs62051023	84530439	T	ADD	7252	1.27	0.1684	0.9128	1.766	1.418	0.1562
16	84530468	84530468	T	ADD	7255	0.603	1.309	0.04634	7.846	-0.3864	0.6992
16	rs8062669	84530493	T	ADD	7278	1.031	0.08859	0.8666	1.226	0.344	0.7308
16	rs12711490	84530529	C	ADD	7283	0.7878	0.04981	0.7146	0.8686	-4.788	1.69E-06
16	84530554	84530554	C	ADD	7285	1.59	0.7357	0.3759	6.722	0.6301	0.5286
16	rs12598434	84530560	T	ADD	7240	0.85	0.04084	0.7847	0.9209	-3.978	6.94E-05
16	rs11641153	84530641	G	ADD	7246	0.7766	0.05019	0.7038	0.8569	-5.038	4.71E-07
16	rs11641155	84530653	G	ADD	7245	0.776	0.0502	0.7033	0.8562	-5.052	4.38E-07
16	rs7205434	84530696	G	ADD	7245	0.776	0.0502	0.7033	0.8562	-5.052	4.38E-07
16	rs8050476	84530705	G	ADD	7291	0.999	0.08662	0.843	1.184	-0.01133	0.991
16	rs4843868	84530902	T	ADD	7233	0.774	0.05026	0.7014	0.8541	-5.098	3.44E-07
16	84530967	84530967	T	ADD	7268	0.9674	0.1079	0.783	1.195	-0.3068	0.759
16	rs1879213	84530977	T	ADD	7253	0.9787	0.05861	0.8725	1.098	-0.3669	0.7137
16	rs56250418	84530999	T	ADD	7015	1.122	0.04498	1.028	1.226	2.567	0.01025
16	rs305065	84531367	G	ADD	7230	0.9797	0.03744	0.9104	1.054	-0.5485	0.5834
16	84531390	84531390	C	ADD	7196	1	0.273	0.5857	1.708	0.0003247	0.9997
16	rs305064	84531643	T	ADD	7228	0.9843	0.03758	0.9144	1.06	-0.4201	0.6744
16	rs9927123	84531682	G	ADD	7253	0.8624	0.03898	0.7989	0.9308	-3.799	0.0001456
16	rs16940087	84531752	T	ADD	7284	0.7603	0.7658	0.1695	3.411	-0.3579	0.7204
16	rs16940088	84531870	T	ADD	7244	0.9814	0.05871	0.8747	1.101	-0.3198	0.7492
16	rs13330932	84532008	T	ADD	7209	0.8234	0.04171	0.7587	0.8935	-4.659	3.18E-06
16	84532040	84532040	T	ADD	7256	0.603	1.309	0.04634	7.846	-0.3864	0.6992
16	rs305063	84532158	T	ADD	6982	1.16	0.03856	1.076	1.251	3.857	0.0001149
16	84532198	84532198	0	ADD	7277	NA	NA	NA	NA	NA	NA
16	rs56834409	84532277	G	ADD	7245	0.9821	0.05872	0.8754	1.102	-0.3072	0.7587
16	84532342	84532342	C	ADD	4909	0.9526	0.08402	0.808	1.123	-0.5777	0.5635
16	rs4843322	84532386	G	ADD	7249	0.8421	0.04082	0.7773	0.9122	-4.21	2.55E-05
16	rs4843323	84532462	T	ADD	7224	0.7756	0.05043	0.7026	0.8562	-5.038	4.70E-07
16	rs12596291	84532538	C	ADD	7242	0.98	0.05876	0.8734	1.1	-0.3438	0.731
16	rs12596295	84532576	A	ADD	7241	0.9274	0.06329	0.8192	1.05	-1.191	0.2337
16	rs4843869	84532642	A	ADD	7235	0.7753	0.0504	0.7024	0.8558	-5.051	4.40E-07

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84532733	84532733	0	ADD	7136	NA	NA	NA	NA	NA	NA
16	84532800	84532800	G	ADD	7013	1.312	0.4483	0.5449	3.158	0.6054	0.5449
16	84532862	84532862	0	ADD	7001	NA	NA	NA	NA	NA	NA
16	rs305062	84533003	G	ADD	7288	1.271	0.1789	0.8952	1.805	1.341	0.1798
16	rs305061	84533160	C	ADD	7270	0.9815	0.03775	0.9115	1.057	-0.4957	0.6201
16	84533416	84533416	C	ADD	4231	1.222	0.07076	1.064	1.404	2.838	0.004536
16	rs305060	84533417	C	ADD	7247	1.149	0.03517	1.072	1.231	3.945	7.98E-05
16	rs16940099	84533441	C	ADD	7259	1.009	0.08982	0.8458	1.203	0.09562	0.9238
16	rs16940100	84533460	T	ADD	7273	1.015	0.08873	0.8526	1.207	0.1633	0.8703
16	84533481	84533481	0	ADD	7291	NA	NA	NA	NA	NA	NA
16	rs305059	84533519	A	ADD	7074	1.144	0.03556	1.067	1.226	3.772	0.0001622
16	84533526	84533526	0	ADD	7287	NA	NA	NA	NA	NA	NA
16	84533672	84533672	T	ADD	7273	1.015	0.08873	0.8526	1.207	0.1633	0.8703
16	84533804	84533804	C	ADD	7272	1.014	0.08872	0.8525	1.207	0.1613	0.8718
16	84533839	84533839	0	ADD	7148	NA	NA	NA	NA	NA	NA
16	84533939	84533939	C	ADD	7125	1.013	0.089	0.8512	1.207	0.1505	0.8804
16	84534522	84534522	G	ADD	7210	1.135	0.2253	0.7298	1.765	0.5621	0.574
16	84534632	84534632	C	ADD	7288	1.217	0.7876	0.2599	5.698	0.2493	0.8031
16	84534741	84534741	T	ADD	7163	1.229	0.5214	0.4423	3.415	0.3954	0.6926
16	rs7202472	84535003	T	ADD	7251	0.7751	0.05144	0.7007	0.8573	-4.954	7.28E-07
16	84535111	84535111	T	ADD	7154	0.9189	0.204	0.6161	1.371	-0.4144	0.6786
16	84535271	84535271	A	ADD	7259	0.2885	0.8388	0.05574	1.493	-1.482	0.1383
16	84535272	84535272	A	ADD	7276	0.1813	1.122	0.02011	1.634	-1.522	0.1279
16	rs305097	84535412	A	ADD	7196	1.184	0.03857	1.098	1.277	4.381	1.18E-05
16	rs62051024	84535456	C	ADD	7000	1.124	0.04496	1.029	1.228	2.605	0.009189
16	rs305095	84535500	T	ADD	7262	1.185	0.03846	1.099	1.278	4.411	1.03E-05
16	rs305094	84535606	C	ADD	7236	0.9822	0.03793	0.9119	1.058	-0.4724	0.6367
16	rs72807020	84535618	G	ADD	7229	0.9322	0.05694	0.8337	1.042	-1.234	0.2173
16	rs16940101	84535626	G	ADD	7290	1.005	0.08715	0.8469	1.192	0.0536	0.9573
16	rs16940103	84535710	T	ADD	7228	0.924	0.057	0.8263	1.033	-1.387	0.1654
16	rs16940104	84535711	T	ADD	7272	0.996	0.08866	0.8371	1.185	-0.04558	0.9636
16	rs7186094	84535988	T	ADD	7281	0.9871	0.05249	0.8906	1.094	-0.2478	0.8043
16	rs7190319	84536046	G	ADD	7289	0.9922	0.0525	0.8952	1.1	-0.1484	0.882
16	rs305093	84536086	T	ADD	7256	0.9805	0.03791	0.9103	1.056	-0.5197	0.6033
16	84536244	84536244	0	ADD	7283	NA	NA	NA	NA	NA	NA
16	rs11639990	84536305	G	ADD	7289	0.9919	0.05245	0.895	1.099	-0.1547	0.877
16	84536585	84536585	0	ADD	7200	NA	NA	NA	NA	NA	NA
16	84536608	84536608	C	ADD	7258	3.052	0.5031	1.139	8.182	2.218	0.02656
16	rs305092	84536618	A	ADD	7234	0.9856	0.03754	0.9157	1.061	-0.3854	0.7
16	rs305091	84536744	A	ADD	7249	0.9785	0.03733	0.9094	1.053	-0.5834	0.5597
16	84536846	84536846	C	ADD	3116	0.9376	0.07184	0.8144	1.079	-0.8973	0.3695
16	rs305090	84536847	T	ADD	7243	0.9867	0.0374	0.9169	1.062	-0.3583	0.7201
16	84536862	84536862	A	ADD	7287	2.448	0.5619	0.8137	7.364	1.593	0.1111
16	84537033	84537033	T	ADD	7230	4.28E-10	2.44E+04	0	inf	-0.0008849	0.9993
16	84537070	84537070	T	ADD	7261	0.3283	0.8499	0.06208	1.737	-1.31	0.19
16	84537135	84537135	0	ADD	7248	NA	NA	NA	NA	NA	NA
16	84537212	84537212	A	ADD	7278	7.47E-10	1.62E+04	0	inf	-0.001298	0.999
16	84537309	84537309	0	ADD	7282	NA	NA	NA	NA	NA	NA
16	rs11641591	84537652	T	ADD	7237	1.205	0.1799	0.8469	1.714	1.036	0.3001
16	rs62051025	84537707	T	ADD	6860	1.13	0.04356	1.038	1.231	2.813	0.004903
16	rs965773	84537847	A	ADD	7237	1.028	0.037	0.9563	1.106	0.7521	0.452
16	rs16940113	84537948	T	ADD	7285	1.169	0.8677	0.2134	6.402	0.1798	0.8573
16	84538025	84538025	G	ADD	7251	1.048	0.09477	0.8705	1.262	0.4962	0.6197

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs731708	84538035	A	ADD	7198	0.7777	0.05152	0.703	0.8603	-4.88	1.06E-06
16	84538040	84538040	T	ADD	6992	0.6598	0.2575	0.3983	1.093	-1.615	0.1063
16	rs731709	84538088	C	ADD	7258	1.169	0.03835	1.085	1.261	4.081	4.48E-05
16	84538106	84538106	T	ADD	6979	1.115	0.2491	0.6845	1.817	0.4382	0.6613
16	84538380	84538380	O	ADD	7267	NA	NA	NA	NA	NA	NA
16	rs731707	84538469	C	ADD	7239	1.031	0.03699	0.9593	1.109	0.8355	0.4034
16	84538530	84538530	A	ADD	7261	0.8924	1.062	0.1113	7.157	-0.1072	0.9146
16	rs305089	84538531	T	ADD	7266	0.9765	0.038	0.9064	1.052	-0.6253	0.5318
16	84538676	84538676	O	ADD	7262	NA	NA	NA	NA	NA	NA
16	84538740	84538740	T	ADD	7181	0.2578	1.241	0.02262	2.938	-1.092	0.2749
16	84538942	84538942	G	ADD	6983	0.8549	0.1982	0.5798	1.261	-0.791	0.429
16	84538944	84538944	T	ADD	7272	4.17E-10	1.72E+04	0	inf	-0.001253	0.999
16	rs11643168	84538983	T	ADD	7239	1.041	0.06945	0.9086	1.193	0.5797	0.5621
16	rs305088	84539102	T	ADD	7220	0.992	0.03823	0.9204	1.069	-0.2095	0.834
16	84539195	84539195	C	ADD	7291	1.26E+09	2.44E+04	0	inf	0.0008596	0.9993
16	84539211	84539211	C	ADD	7276	1.356	1.225	0.1228	14.98	0.2487	0.8036
16	84539306	84539306	A	ADD	6280	1.108	0.0888	0.9311	1.319	1.156	0.2477
16	rs305087	84539747	C	ADD	6889	0.9115	0.05553	0.8175	1.016	-1.669	0.09504
16	rs7198504	84539802	C	ADD	6767	0.931	0.04204	0.8574	1.011	-1.7	0.0891
16	rs9935237	84540017	G	ADD	6156	0.7231	0.3439	0.3685	1.419	-0.9426	0.3459
16	rs305086	84540022	A	ADD	7287	1.046	0.04855	0.9508	1.15	0.92	0.3576
16	rs8053060	84540490	A	ADD	4999	1.043	0.05221	0.9416	1.155	0.8064	0.42
16	84540536	84540536	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84540547	84540547	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs6540234	84540557	T	ADD	7242	0.9568	0.03964	0.8853	1.034	-1.114	0.2652
16	rs8049187	84540779	T	ADD	5014	1.057	0.04539	0.967	1.155	1.221	0.222
16	rs8062690	84540827	G	ADD	4944	0.9683	0.1002	0.7956	1.179	-0.3209	0.7483
16	rs8053604	84540842	T	ADD	4244	1.046	0.0495	0.9495	1.153	0.9133	0.3611
16	84541049	84541049	G	ADD	7280	3.92E-10	2.44E+04	0	inf	-0.0008885	0.9993
16	84541077	84541077	O	ADD	6972	NA	NA	NA	NA	NA	NA
16	84541142	84541142	G	ADD	7290	3.93E-10	2.44E+04	0	inf	-0.0008884	0.9993
16	84541177	84541177	C	ADD	4133	0.9647	0.05482	0.8664	1.074	-0.6552	0.5124
16	84541179	84541179	T	ADD	4132	0.9658	0.05483	0.8674	1.075	-0.6342	0.526
16	84541180	84541180	C	ADD	4132	0.9658	0.05483	0.8674	1.075	-0.6342	0.526
16	rs2361768	84541181	G	ADD	4132	0.9658	0.05483	0.8674	1.075	-0.6342	0.526
16	84541385	84541385	A	ADD	7281	3.92E-10	2.44E+04	0	inf	-0.0008885	0.9993
16	84541450	84541450	G	ADD	7242	0.697	1.416	0.04342	11.19	-0.2549	0.7988
16	rs55739703	84541492	G	ADD	7230	0.8925	0.1161	0.7109	1.12	-0.9799	0.3271
16	rs870614	84541516	A	ADD	5777	0.9084	0.05646	0.8133	1.015	-1.701	0.08889
16	rs8047292	84541556	T	ADD	7289	0.5931	0.4912	0.2265	1.553	-1.063	0.2876
16	rs908988	84542101	G	ADD	7266	0.9544	0.03962	0.8831	1.031	-1.177	0.239
16	rs8060078	84542153	T	ADD	7273	2.024	0.5881	0.6392	6.409	1.199	0.2306
16	rs908987	84542390	T	ADD	6882	0.9594	0.04046	0.8862	1.039	-1.025	0.3052
16	rs908986	84542429	G	ADD	7265	0.9719	0.03996	0.8987	1.051	-0.7144	0.475
16	rs908985	84542503	T	ADD	7267	0.9687	0.03995	0.8958	1.048	-0.7953	0.4264
16	84542511	84542511	A	ADD	7267	0.638	0.6194	0.1895	2.148	-0.7257	0.468
16	rs908984	84542530	T	ADD	7287	0.9721	0.03993	0.8989	1.051	-0.7083	0.4787
16	rs57670691	84542583	A	ADD	7243	0.8655	0.1113	0.6959	1.076	-1.298	0.1943
16	rs57396687	84542701	A	ADD	7249	0.8881	0.1124	0.7125	1.107	-1.056	0.2911
16	rs1915034	84542858	A	ADD	7277	0.9826	0.04071	0.9072	1.064	-0.4315	0.6661
16	rs4240807	84542862	A	ADD	7265	0.9854	0.04075	0.9098	1.067	-0.3607	0.7183
16	rs1915033	84542932	A	ADD	7254	0.9725	0.03995	0.8992	1.052	-0.6989	0.4846
16	84542936	84542936	T	ADD	7289	3.93E-10	2.44E+04	0	inf	-0.0008884	0.9993

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84542966	84542966	C	ADD	7289	3.93E-10	2.44E+04	0	inf	-0.0008884	0.9993
16	rs4843871	84543036	G	ADD	7240	0.964	0.03971	0.8918	1.042	-0.9244	0.3553
16	rs4843872	84543172	A	ADD	7272	0.9687	0.0399	0.8958	1.048	-0.7967	0.4256
16	84543226	84543226	A	ADD	7292	6.78E+08	2.44E+04	0	inf	0.0008341	0.9993
16	rs10863201	84543272	C	ADD	7025	0.9652	0.04022	0.892	1.044	-0.8815	0.378
16	rs58073431	84543416	C	ADD	7248	0.8752	0.1126	0.7018	1.091	-1.184	0.2365
16	rs59821663	84543420	A	ADD	7248	0.8752	0.1126	0.7018	1.091	-1.184	0.2365
16	84543445	84543445	O	ADD	7289	NA	NA	NA	NA	NA	NA
16	84543446	84543446	O	ADD	7289	NA	NA	NA	NA	NA	NA
16	rs59403904	84543458	T	ADD	7163	0.9665	0.1339	0.7434	1.257	-0.2541	0.7994
16	84543506	84543506	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84543518	84543518	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs58189590	84543560	A	ADD	7241	0.869	0.1125	0.6971	1.083	-1.248	0.2119
16	rs57426547	84543596	T	ADD	7241	0.869	0.1125	0.6971	1.083	-1.248	0.2119
16	84543660	84543660	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs73268906	84544188	G	ADD	7243	0.8754	0.1126	0.702	1.092	-1.181	0.2375
16	rs73268908	84544290	A	ADD	7252	0.8812	0.1128	0.7064	1.099	-1.121	0.2623
16	rs73268912	84544401	A	ADD	7248	0.8897	0.1125	0.7136	1.109	-1.039	0.299
16	84544635	84544635	T	ADD	7249	0.5774	0.6658	0.1566	2.129	-0.8249	0.4094
16	84544641	84544641	O	ADD	7291	NA	NA	NA	NA	NA	NA
16	84544743	84544743	G	ADD	7289	3.93E-10	2.44E+04	0	inf	-0.0008884	0.9993
16	rs59120392	84544797	T	ADD	7255	0.8856	0.1127	0.7101	1.104	-1.079	0.2807
16	rs57278440	84544999	C	ADD	7256	0.8854	0.1127	0.71	1.104	-1.08	0.2802
16	rs10863202	84545499	A	ADD	7163	0.9696	0.03988	0.8967	1.048	-0.7748	0.4384
16	rs8060960	84545861	T	ADD	7244	0.9564	0.04008	0.8842	1.035	-1.112	0.2662
16	rs8048151	84546099	C	ADD	7225	0.9746	0.04056	0.9001	1.055	-0.6336	0.5264
16	84546166	84546166	A	ADD	7251	0.5454	0.8929	0.09477	3.139	-0.6789	0.4972
16	84546175	84546175	A	ADD	7289	3.93E-10	2.44E+04	0	inf	-0.0008884	0.9993
16	rs73268923	84546268	T	ADD	7255	0.8946	0.1129	0.7169	1.116	-0.9862	0.324
16	84546359	84546359	A	ADD	7249	0.8828	0.1126	0.708	1.101	-1.108	0.268
16	rs6540235	84546396	T	ADD	7248	0.9714	0.03968	0.8987	1.05	-0.7326	0.4638
16	84546553	84546553	O	ADD	7267	NA	NA	NA	NA	NA	NA
16	rs7186247	84546570	T	ADD	7233	0.9655	0.03976	0.8931	1.044	-0.8822	0.3777
16	84546654	84546654	G	ADD	7198	0.8206	0.4597	0.3333	2.02	-0.4302	0.6671
16	rs7199472	84546685	G	ADD	7283	0.9595	0.03972	0.8876	1.037	-1.042	0.2974
16	rs11640143	84546965	C	ADD	7265	1.07	0.08714	0.9019	1.269	0.7746	0.4386
16	84547130	84547130	T	ADD	7225	1.244	1.494	0.06662	23.25	0.1464	0.8836
16	84547216	84547216	T	ADD	7293	1.767	1.157	0.1831	17.05	0.4921	0.6227
16	rs4843873	84547276	A	ADD	7263	0.985	0.04029	0.9102	1.066	-0.3759	0.707
16	84547352	84547352	A	ADD	7201	1.56	0.3843	0.7343	3.313	1.156	0.2475
16	rs4843874	84547399	C	ADD	7271	0.9744	0.04023	0.9005	1.054	-0.6455	0.5186
16	rs4843875	84547443	T	ADD	5707	1.025	0.05651	0.9179	1.146	0.4445	0.6567
16	84547570	84547570	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	84547601	84547601	C	ADD	7252	0.5457	0.893	0.09481	3.141	-0.6782	0.4976
16	rs73268928	84547653	G	ADD	7236	0.9005	0.1148	0.7191	1.128	-0.9129	0.3613
16	84547657	84547657	O	ADD	7263	NA	NA	NA	NA	NA	NA
16	rs11117426	84547768	C	ADD	7205	NA	NA	NA	NA	NA	NA
16	84547926	84547926	C	ADD	7291	3.93E-10	2.44E+04	0	inf	-0.0008884	0.9993
16	rs11117427	84548058	A	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs925992	84548081	T	ADD	7076	0.9785	0.04093	0.903	1.06	-0.5319	0.5948
16	84548374	84548374	T	ADD	7292	3.93E-10	2.44E+04	0	inf	-0.0008884	0.9993
16	84548382	84548382	C	ADD	7217	0.3473	0.7196	0.08477	1.423	-1.47	0.1416
16	rs8057009	84548424	G	ADD	7280	0.9854	0.04153	0.9084	1.069	-0.3533	0.7238

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs6540236	84548591	A	ADD	7188	0.9849	0.04061	0.9096	1.067	-0.3736	0.7087
16	rs12445476	84548770	G	ADD	7290	0.7274	0.2435	0.4513	1.172	-1.307	0.1912
16	84548866	84548866	G	ADD	7285	10.11	1.089	1.197	85.4	2.125	0.03358
16	84548901	84548901	T	ADD	5746	0.911	0.1094	0.7352	1.129	-0.8523	0.394
16	rs7185590	84549154	A	ADD	7247	1.84	0.3857	0.8642	3.92	1.582	0.1137
16	rs11642873	84549206	C	ADD	7229	0.621	0.2192	0.4041	0.9541	-2.174	0.02969
16	84549320	84549320	C	ADD	6243	0.693	0.2363	0.4361	1.101	-1.552	0.1207
16	rs6540238	84549328	A	ADD	7149	0.9844	0.04059	0.9092	1.066	-0.3866	0.699
16	rs12444486	84550150	C	ADD	7198	0.9619	0.03968	0.8899	1.04	-0.9784	0.3279
16	rs4843876	84550233	T	ADD	7285	0.9778	0.03986	0.9043	1.057	-0.5624	0.5739
16	rs11117428	84550330	C	ADD	7007	1.007	0.04388	0.924	1.097	0.1579	0.8745
16	rs2361764	84550459	G	ADD	7161	0.9772	0.04008	0.9034	1.057	-0.5757	0.5648
16	84550594	84550594	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs2361763	84550635	T	ADD	7207	1.024	0.04026	0.9459	1.108	0.5794	0.5623
16	rs2885364	84550691	A	ADD	7188	0.976	0.04011	0.9022	1.056	-0.6062	0.5444
16	rs4843877	84550733	C	ADD	7174	0.9696	0.04015	0.8962	1.049	-0.7684	0.4422
16	rs35929052	84551985	T	ADD	6988	0.9022	0.08975	0.7566	1.076	-1.147	0.2513
16	rs908983	84552021	C	ADD	7282	0.9948	0.03915	0.9214	1.074	-0.1323	0.8948
16	rs883332	84552225	C	ADD	7291	1.129	0.2192	0.7346	1.735	0.5531	0.5802
16	rs34347181	84552262	O	ADD	7291	NA	NA	NA	NA	NA	NA
16	rs2049086	84552380	T	ADD	7014	0.9808	0.03999	0.9068	1.061	-0.4855	0.6273
16	rs908982	84552384	A	ADD	7033	0.9789	0.03986	0.9054	1.058	-0.5344	0.5931
16	84552424	84552424	O	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs8044852	84552728	A	ADD	7197	0.9703	0.03901	0.8989	1.047	-0.7735	0.4392
16	rs908981	84552926	T	ADD	7275	0.9738	0.03884	0.9024	1.051	-0.684	0.494
16	84552937	84552937	C	ADD	6829	0.9924	0.091	0.8303	1.186	-0.08342	0.9335
16	rs12446139	84553085	G	ADD	7275	0.9738	0.03884	0.9024	1.051	-0.684	0.494
16	84553110	84553110	C	ADD	7219	0.9099	0.1179	0.7222	1.146	-0.8008	0.4232
16	rs12919427	84553160	A	ADD	7275	0.9738	0.03884	0.9024	1.051	-0.684	0.494
16	rs12930405	84553163	C	ADD	7275	0.9738	0.03884	0.9024	1.051	-0.684	0.494
16	rs11642456	84553581	T	ADD	7274	0.974	0.03884	0.9026	1.051	-0.6776	0.498
16	84553752	84553752	T	ADD	7247	0.6979	1.416	0.04347	11.2	-0.254	0.7995
16	rs11649461	84553758	C	ADD	7052	0.9656	0.03921	0.8942	1.043	-0.8921	0.3723
16	84553776	84553776	T	ADD	7281	1.322	0.6797	0.3489	5.008	0.4105	0.6814
16	rs11645398	84553796	G	ADD	7132	0.9777	0.03944	0.905	1.056	-0.5706	0.5683
16	84554094	84554094	C	ADD	7288	3.54E-10	2.44E+04	0	inf	-0.0008927	0.9993
16	rs4843324	84554392	O	ADD	7279	NA	NA	NA	NA	NA	NA
16	rs11643829	84554502	C	ADD	4744	0.9613	0.04871	0.8737	1.058	-0.8113	0.4172
16	rs35615495	84554505	T	ADD	5252	0.9071	0.06217	0.803	1.025	-1.569	0.1167
16	rs11640586	84554529	C	ADD	4335	1.107	0.05236	0.9993	1.227	1.947	0.05156
16	rs59015387	84554628	A	ADD	7284	3.92E-10	2.44E+04	0	inf	-0.0008885	0.9993
16	84554776	84554776	T	ADD	7226	2.395	0.9269	0.3894	14.73	0.9424	0.346
16	rs12019053	84554782	G	ADD	5108	0.8978	0.06238	0.7945	1.015	-1.728	0.08393
16	84554944	84554944	C	ADD	3972	0.9301	0.05445	0.8359	1.035	-1.331	0.1831
16	84554954	84554954	C	ADD	3559	0.9114	0.06058	0.8094	1.026	-1.531	0.1258
16	rs11860050	84555097	A	ADD	5173	0.9025	0.06278	0.798	1.021	-1.634	0.1022
16	84555268	84555268	O	ADD	7292	NA	NA	NA	NA	NA	NA
16	rs12446834	84555541	C	ADD	4624	0.9275	0.04932	0.8421	1.022	-1.525	0.1272
16	rs55906426	84555779	C	ADD	6163	1.016	0.04684	0.9269	1.114	0.3391	0.7345
16	rs12019051	84555863	G	ADD	4621	0.9278	0.04932	0.8423	1.022	-1.519	0.1287
16	84555917	84555917	O	ADD	7279	NA	NA	NA	NA	NA	NA
16	84556011	84556011	O	ADD	7283	NA	NA	NA	NA	NA	NA
16	rs16940146	84556487	G	ADD	7285	9.172	1.101	1.06	79.33	2.013	0.0441

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84556512	84556512	0	ADD	7292	NA	NA	NA	NA	NA	NA
16	rs34445961	84556804	G	ADD	3983	0.9897	0.05352	0.8911	1.099	-0.1937	0.8464
16	rs34256051	84556806	C	ADD	4007	0.9694	0.05336	0.8731	1.076	-0.5827	0.5601
16	84556855	84556855	T	ADD	7281	8.51E-10	1.65E+04	0	inf	-0.001267	0.999
16	rs62051883	84556897	A	ADD	7097	1.042	0.3419	0.5333	2.037	0.1207	0.9039
16	rs59276136	84556910	A	ADD	4536	0.9208	0.0497	0.8353	1.015	-1.661	0.0967
16	84557150	84557150	0	ADD	7285	NA	NA	NA	NA	NA	NA
16	rs11863308	84557298	T	ADD	7284	3.92E-10	2.44E+04	0	inf	-0.0008885	0.9993
16	84557332	84557332	C	ADD	6961	0.7318	0.3565	0.3639	1.472	-0.8758	0.3811
16	84557466	84557466	G	ADD	7284	6.25E-10	1.18E+04	0	inf	-0.00179	0.9986
16	rs12598292	84557532	T	ADD	5544	0.9192	0.2324	0.5829	1.45	-0.3625	0.717
16	rs8053185	84557593	G	ADD	4358	0.922	0.05118	0.834	1.019	-1.587	0.1125
16	rs12446659	84557863	T	ADD	4310	0.9138	0.05143	0.8261	1.011	-1.754	0.0795
16	rs35867147	84557883	A	ADD	5171	0.8868	0.06401	0.7822	1.005	-1.878	0.06044
16	84557898	84557898	0	ADD	7270	NA	NA	NA	NA	NA	NA
16	rs12446684	84557908	T	ADD	4335	0.918	0.0513	0.8302	1.015	-1.668	0.0953
16	rs12444385	84557964	A	ADD	4306	0.9134	0.05145	0.8258	1.01	-1.76	0.07835
16	84558091	84558091	C	ADD	4304	0.9144	0.05146	0.8267	1.011	-1.739	0.08211
16	rs9924246	84558107	C	ADD	4304	0.9144	0.05146	0.8267	1.011	-1.739	0.08211
16	84558180	84558180	C	ADD	3142	0.9346	0.05957	0.8316	1.05	-1.135	0.2563
16	84558188	84558188	C	ADD	3768	0.9357	0.05557	0.8392	1.043	-1.196	0.2318
16	rs9926350	84558192	A	ADD	2454	1.062	0.0717	0.9229	1.222	0.8415	0.4
16	rs9934574	84558465	T	ADD	5147	0.8888	0.06412	0.7838	1.008	-1.839	0.06599
16	rs9941263	84558545	G	ADD	4308	0.9139	0.05151	0.8262	1.011	-1.748	0.08051
16	rs9934725	84558585	T	ADD	4307	0.9139	0.05151	0.8262	1.011	-1.747	0.08062
16	84558619	84558619	T	ADD	7198	0.3481	0.7195	0.08496	1.426	-1.467	0.1424
16	rs9938885	84558713	G	ADD	4291	0.918	0.05168	0.8296	1.016	-1.655	0.09794
16	rs11648475	84558762	G	ADD	3549	0.8974	0.05289	0.809	0.9954	-2.048	0.0406
16	rs74032515	84558875	G	ADD	6961	0.7318	0.3565	0.3639	1.472	-0.8758	0.3811
16	rs74032517	84558990	0	ADD	7292	NA	NA	NA	NA	NA	NA
16	rs72807046	84559122	T	ADD	6406	0.8066	0.2188	0.5253	1.238	-0.9825	0.3258
16	84559204	84559204	C	ADD	7273	2.621	1.119	0.2924	23.49	0.8611	0.3892
16	84559353	84559353	A	ADD	7136	2.785	1.222	0.254	30.54	0.8383	0.4018
16	rs11860004	84559380	A	ADD	3819	0.897	0.0664	0.7875	1.022	-1.638	0.1015
16	rs34912238	84559404	T	ADD	6808	0.7664	0.1324	0.5912	0.9935	-2.009	0.04452
16	rs35655122	84559618	T	ADD	5193	0.8956	0.0639	0.7902	1.015	-1.725	0.08444
16	rs11862493	84559626	C	ADD	5192	0.8973	0.06392	0.7916	1.017	-1.695	0.09002
16	rs11859186	84559852	C	ADD	5000	0.9522	0.07109	0.8283	1.095	-0.6896	0.4904

Table S5: Conditioning on rs8046526, rs450443, and rs4843869

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs11861580	84456048	G	ADD	7251	0.9444	0.07353	0.8177	1.091	-0.7775	0.4369
16	rs9934049	84456117	T	ADD	6001	1.069	0.09794	0.882	1.295	0.678	0.4978
16	84456852	84456852	A	ADD	7311	0.7176	0.3076	0.3927	1.311	-1.079	0.2807
16	84457076	84457076	T	ADD	7296	1.96E+09	2.44E+04	0	inf	0.0008777	0.9993
16	rs16939834	84458109	C	ADD	7314	0.7761	0.2391	0.4857	1.24	-1.06	0.289
16	84458146	84458146	A	ADD	7307	8.54E+08	1.72E+04	0	inf	0.001194	0.999
16	rs11864884	84458540	T	ADD	7308	1.034	0.03936	0.9571	1.117	0.8462	0.3975
16	rs7185918	84458566	T	ADD	7314	0.995	0.04358	0.9135	1.084	-0.1149	0.9085
16	84458726	84458726	C	ADD	7290	1.187	0.1957	0.8088	1.742	0.8761	0.381
16	rs72805167	84458737	G	ADD	7140	1.245	0.4365	0.5293	2.93	0.5026	0.6152
16	84458834	84458834	O	ADD	6316	NA	NA	NA	NA	NA	NA
16	rs11859433	84458903	C	ADD	7268	0.942	0.07465	0.8138	1.09	-0.8009	0.4232
16	84459157	84459157	G	ADD	7003	0.9186	0.07657	0.7906	1.067	-1.109	0.2675
16	rs12926601	84459167	T	ADD	7041	1.052	0.04568	0.9622	1.151	1.117	0.2639
16	rs4843854	84460016	C	ADD	7287	1.027	0.03745	0.9547	1.106	0.7222	0.4702
16	rs4843855	84460047	T	ADD	6803	1.012	0.03957	0.9365	1.094	0.3016	0.763
16	rs4843856	84460058	C	ADD	7291	1.027	0.03565	0.9574	1.101	0.7384	0.4603
16	rs12930347	84461177	C	ADD	7309	1.034	0.04331	0.95	1.126	0.7762	0.4376
16	84461320	84461320	O	ADD	7314	NA	NA	NA	NA	NA	NA
16	rs62052470	84461723	A	ADD	6770	0.9413	0.09927	0.7749	1.143	-0.6094	0.5422
16	84461729	84461729	O	ADD	7317	NA	NA	NA	NA	NA	NA
16	rs62052471	84462333	G	ADD	6564	0.9779	0.1178	0.7763	1.232	-0.1901	0.8492
16	84462405	84462405	A	ADD	6232	1.004	0.0446	0.9199	1.096	0.08709	0.9306
16	84462407	84462407	A	ADD	5611	1.024	0.04916	0.9297	1.127	0.4768	0.6335
16	84462423	84462423	A	ADD	5117	0.9924	0.127	0.7738	1.273	-0.05974	0.9524
16	84462425	84462425	A	ADD	3710	1.21	0.09401	1.006	1.455	2.026	0.04278
16	84462437	84462437	C	ADD	3946	1.119	0.09987	0.9199	1.361	1.124	0.2611
16	84462507	84462507	C	ADD	4948	1.266	0.1132	1.014	1.581	2.086	0.03698
16	84462539	84462539	C	ADD	7041	0.9105	0.1173	0.7235	1.146	-0.8	0.4237
16	rs55697192	84462546	C	ADD	5990	1.05	0.07456	0.9071	1.215	0.6521	0.5143
16	84463073	84463073	A	ADD	6628	1.42	0.2291	0.9064	2.225	1.531	0.1258
16	84463237	84463237	T	ADD	7155	0.8878	0.196	0.6046	1.303	-0.6075	0.5435
16	rs12935659	84463429	C	ADD	7293	1.004	0.03904	0.9302	1.084	0.107	0.9148
16	84463607	84463607	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs72805168	84463633	C	ADD	7185	1.319	0.9669	0.1983	8.777	0.2865	0.7745
16	rs62052474	84463910	A	ADD	7286	0.9042	0.07287	0.7839	1.043	-1.382	0.167
16	84463953	84463953	T	ADD	7272	0.8663	1.416	0.05403	13.89	-0.1014	0.9192
16	84463987	84463987	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	84464105	84464105	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs11648716	84464117	G	ADD	7317	0.9178	0.07166	0.7975	1.056	-1.197	0.2314
16	rs8056522	84464397	C	ADD	7308	1.003	0.04437	0.9196	1.094	0.07185	0.9427
16	rs9929675	84464599	A	ADD	7286	1.009	0.0393	0.9339	1.089	0.2208	0.8253
16	rs9929701	84464675	C	ADD	7287	1.009	0.0393	0.9341	1.09	0.2264	0.8209
16	rs9924234	84465076	C	ADD	7291	1.01	0.03929	0.9354	1.091	0.261	0.7941
16	rs9930043	84465079	C	ADD	7297	1.009	0.03927	0.9343	1.09	0.2288	0.819
16	84465151	84465151	C	ADD	7257	1.044	0.04457	0.9568	1.139	0.9697	0.3322
16	rs9932359	84465411	A	ADD	7290	1.01	0.03929	0.9352	1.091	0.2558	0.7981
16	rs12448297	84467210	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs13336885	84469034	C	ADD	7171	1.012	0.03945	0.9366	1.093	0.2983	0.7654
16	rs7200396	84469798	C	ADD	7291	1.003	0.03901	0.9289	1.082	0.06917	0.9449
16	rs9923975	84469936	G	ADD	7277	1.018	0.04469	0.9324	1.111	0.3927	0.6946
16	rs9932159	84470103	T	ADD	7292	1.004	0.03913	0.9299	1.084	0.1021	0.9187

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs9936199	84470118	G	ADD	7294	1.003	0.03901	0.9291	1.083	0.07508	0.9402
16	rs750669	84470371	G	ADD	7247	1.022	0.03582	0.953	1.097	0.6168	0.5374
16	rs2017161	84470594	C	ADD	7151	0.9957	0.03918	0.9221	1.075	-0.1106	0.9119
16	84470606	84470606	A	ADD	7278	1.017	0.03562	0.9487	1.091	0.4805	0.6309
16	84471137	84471137	G	ADD	7293	7.45E+08	1.72E+04	0	inf	0.001185	0.9991
16	84471981	84471981	T	ADD	6578	0.9624	0.1364	0.7366	1.257	-0.2811	0.7787
16	84472217	84472217	T	ADD	6894	4.18E-10	2.44E+04	0	inf	-0.0008859	0.9993
16	rs55967832	84472469	C	ADD	7085	1.013	0.03603	0.9443	1.088	0.3704	0.7111
16	rs9925103	84472609	G	ADD	6989	0.8358	0.236	0.5263	1.327	-0.7599	0.4473
16	rs34318854	84472707	C	ADD	7084	1.013	0.03603	0.9443	1.088	0.37	0.7114
16	rs34723871	84472711	C	ADD	7084	1.013	0.03603	0.9443	1.088	0.37	0.7114
16	rs56143130	84472719	C	ADD	7084	1.013	0.03603	0.9443	1.088	0.37	0.7114
16	rs9925282	84472806	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs9931862	84472878	T	ADD	7088	1.033	0.04504	0.9454	1.128	0.7141	0.4752
16	rs9931687	84473282	A	ADD	7299	1.053	0.04456	0.9654	1.15	1.169	0.2426
16	rs6540231	84473561	G	ADD	7276	1.003	0.0355	0.9359	1.076	0.09223	0.9265
16	84473745	84473745	O	ADD	6326	NA	NA	NA	NA	NA	NA
16	84474001	84474001	C	ADD	6332	0.9581	0.04586	0.8757	1.048	-0.9331	0.3507
16	84474531	84474531	C	ADD	6630	0.8486	0.8693	0.1544	4.663	-0.1889	0.8502
16	rs367170	84474588	A	ADD	4784	1.165	0.09906	0.9598	1.415	1.546	0.1221
16	rs409219	84474592	T	ADD	4708	1.322	0.121	1.043	1.676	2.309	0.02093
16	84474714	84474714	C	ADD	5003	1.038	0.05853	0.9251	1.164	0.6294	0.5291
16	rs62052475	84474717	C	ADD	5012	1.039	0.05832	0.9269	1.165	0.6585	0.5102
16	84474721	84474721	C	ADD	5688	1.054	0.1606	0.7696	1.444	0.3288	0.7423
16	rs426900	84474799	C	ADD	6690	0.9844	0.07811	0.8447	1.147	-0.2013	0.8405
16	rs9937847	84475052	C	ADD	7303	0.9631	0.06752	0.8437	1.099	-0.5562	0.5781
16	rs16939877	84475320	A	ADD	6745	0.829	0.1122	0.6654	1.033	-1.672	0.09445
16	rs376783	84475324	A	ADD	7310	1.051	0.04275	0.9664	1.143	1.162	0.2454
16	rs428578	84475445	G	ADD	7218	1.005	0.03663	0.9349	1.079	0.1235	0.9017
16	84475528	84475528	A	ADD	6954	0.916	0.2088	0.6084	1.379	-0.42	0.6745
16	rs371800	84475621	T	ADD	7291	1.095	0.09307	0.9123	1.314	0.974	0.3301
16	rs447377	84476336	G	ADD	7288	1.002	0.03648	0.933	1.076	0.05964	0.9524
16	rs9936406	84476343	T	ADD	7312	0.987	0.03738	0.9173	1.062	-0.349	0.7271
16	84476544	84476544	C	ADD	7255	0.953	0.07039	0.8302	1.094	-0.6844	0.4937
16	rs439390	84476707	G	ADD	7055	0.9903	0.03705	0.9209	1.065	-0.2635	0.7921
16	84476754	84476754	C	ADD	7275	0.9035	0.089	0.7589	1.076	-1.14	0.2542
16	rs9928868	84476971	C	ADD	7274	0.971	0.5999	0.2997	3.147	-0.04899	0.9609
16	rs384915	84477113	A	ADD	7258	1.063	0.09561	0.8817	1.283	0.6427	0.5204
16	84477167	84477167	C	ADD	4668	0.9499	0.07728	0.8164	1.105	-0.6655	0.5058
16	84477725	84477725	A	ADD	7308	4.138	1.286	0.333	51.42	1.105	0.2693
16	rs438968	84477729	C	ADD	7268	1.003	0.03636	0.9336	1.077	0.0691	0.9449
16	rs12596376	84477898	C	ADD	7198	0.9992	0.04028	0.9233	1.081	-0.02022	0.9839
16	rs370703	84477981	T	ADD	7307	1.003	0.03634	0.9345	1.078	0.09485	0.9244
16	84478065	84478065	G	ADD	7292	0.5909	0.7961	0.1241	2.813	-0.6609	0.5087
16	rs395922	84478180	C	ADD	6914	1.012	0.09708	0.8368	1.224	0.1246	0.9008
16	rs6540232	84478303	C	ADD	7216	0.9922	0.03757	0.9217	1.068	-0.2088	0.8346
16	84478601	84478601	C	ADD	7293	1.089	0.09736	0.9002	1.319	0.8803	0.3787
16	rs448136	84478848	C	ADD	6933	0.9853	0.03652	0.9173	1.058	-0.4041	0.6861
16	84478905	84478905	C	ADD	7313	0.7877	0.2996	0.4378	1.417	-0.7963	0.4259
16	rs11642286	84479110	G	ADD	7314	0.8877	0.08644	0.7494	1.052	-1.378	0.1682
16	rs391821	84479528	T	ADD	7014	0.9592	0.09725	0.7927	1.161	-0.4282	0.6685
16	rs428530	84480360	G	ADD	7261	1.064	0.09375	0.8857	1.279	0.665	0.506

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs11866609	84480582	G	ADD	7316	1.422	0.4049	0.6432	3.145	0.87	0.3843
16	rs421710	84481015	C	ADD	7314	0.9992	0.03632	0.9306	1.073	-0.02113	0.9831
16	rs9308363	84481566	C	ADD	7273	0.9892	0.03711	0.9198	1.064	-0.2937	0.769
16	84481963	84481963	A	ADD	6823	0.7797	0.3363	0.4034	1.507	-0.7398	0.4594
16	rs433322	84482073	G	ADD	7255	1.003	0.03632	0.934	1.077	0.07861	0.9373
16	rs11860464	84482464	T	ADD	7166	0.9457	0.5265	0.337	2.654	-0.106	0.9156
16	84482479	84482479	C	ADD	7267	0.9899	0.03713	0.9204	1.065	-0.2746	0.7836
16	84482626	84482626	O	ADD	7039	NA	NA	NA	NA	NA	NA
16	rs401528	84482872	G	ADD	7229	1.081	0.09048	0.9052	1.291	0.8594	0.3901
16	rs7193803	84483174	G	ADD	7315	0.9886	0.03714	0.9192	1.063	-0.3094	0.757
16	84483336	84483336	O	ADD	7306	NA	NA	NA	NA	NA	NA
16	rs11117411	84483439	T	ADD	7231	0.8953	0.08919	0.7517	1.066	-1.24	0.2149
16	rs437740	84483537	C	ADD	7291	1.067	0.09469	0.8863	1.285	0.6859	0.4928
16	84483596	84483596	A	ADD	7113	0.8824	0.2126	0.5817	1.339	-0.5883	0.5563
16	rs438323	84483902	C	ADD	7290	1.076	0.09478	0.8933	1.295	0.7698	0.4414
16	rs12922615	84484196	T	ADD	7221	0.9291	0.07146	0.8077	1.069	-1.029	0.3033
16	rs394100	84484220	A	ADD	7111	1.039	0.09143	0.8682	1.242	0.4145	0.6785
16	rs395498	84484222	G	ADD	7232	1.01	0.03642	0.9407	1.085	0.2815	0.7783
16	rs452478	84484245	G	ADD	7290	1.07	0.09464	0.8885	1.288	0.7104	0.4774
16	rs452532	84484267	G	ADD	7289	1.075	0.09476	0.8927	1.294	0.7618	0.4462
16	rs11117412	84484343	A	ADD	7022	1.019	0.04108	0.9403	1.105	0.4627	0.6436
16	rs434216	84484514	C	ADD	6969	0.9992	0.03673	0.9298	1.074	-0.02219	0.9823
16	rs1809094	84484727	A	ADD	6633	0.9944	0.04478	0.9109	1.086	-0.1244	0.901
16	84484809	84484809	G	ADD	7183	1.484	0.3736	0.7134	3.085	1.056	0.291
16	rs572967	84484995	G	ADD	7183	1.005	0.03706	0.9344	1.08	0.128	0.8982
16	rs896263	84485020	G	ADD	7311	1.014	0.04086	0.9357	1.098	0.3345	0.738
16	rs403605	84485129	A	ADD	7304	0.9341	0.06096	0.8289	1.053	-1.118	0.2634
16	rs454128	84485236	G	ADD	6968	1.035	0.04077	0.9554	1.121	0.8406	0.4006
16	rs391023	84485315	T	ADD	7265	1.03	0.03651	0.9584	1.106	0.7965	0.4257
16	rs375288	84485372	A	ADD	7200	1.02	0.03737	0.9476	1.097	0.5191	0.6037
16	rs446836	84485520	T	ADD	6970	0.7359	0.3006	0.4083	1.326	-1.02	0.3077
16	rs873616	84485667	G	ADD	6993	1.054	0.04672	0.9616	1.155	1.122	0.262
16	84485701	84485701	O	ADD	7317	NA	NA	NA	NA	NA	NA
16	rs60241040	84486065	G	ADD	7247	1.036	0.04573	0.9468	1.133	0.7654	0.444
16	rs391855	84486122	T	ADD	7307	1.043	0.03865	0.9671	1.125	1.095	0.2735
16	rs12149363	84486206	G	ADD	7243	0.9286	0.07139	0.8073	1.068	-1.038	0.2992
16	rs386098	84486701	A	ADD	7119	0.9342	0.07001	0.8144	1.072	-0.9723	0.3309
16	rs369173	84486783	G	ADD	7312	1.04	0.03798	0.9656	1.121	1.039	0.299
16	rs398114	84486785	C	ADD	7099	1.041	0.03893	0.9643	1.123	1.026	0.3049
16	rs369597	84486935	C	ADD	7301	0.9286	0.06957	0.8102	1.064	-1.064	0.2871
16	rs9924391	84487331	T	ADD	7310	0.9169	0.07053	0.7986	1.053	-1.229	0.2189
16	rs9932449	84487333	A	ADD	7309	0.9224	0.06947	0.805	1.057	-1.163	0.2448
16	rs371391	84487395	C	ADD	7307	0.9342	0.06978	0.8148	1.071	-0.9757	0.3292
16	rs388405	84487398	A	ADD	7316	0.9191	0.06921	0.8025	1.053	-1.218	0.2231
16	rs28368111	84487756	C	ADD	7278	1.64	0.4193	0.7212	3.731	1.18	0.2378
16	84487779	84487779	T	ADD	7261	8.59E+08	1.72E+04	0	inf	0.001194	0.999
16	rs381139	84487901	C	ADD	7205	0.9275	0.07078	0.8074	1.066	-1.063	0.2878
16	rs393512	84488072	C	ADD	7264	0.9084	0.0691	0.7933	1.04	-1.391	0.1643
16	rs416515	84488175	C	ADD	7258	0.9197	0.0706	0.8008	1.056	-1.186	0.2356
16	rs398229	84488191	A	ADD	7258	0.9197	0.0706	0.8008	1.056	-1.186	0.2356
16	84488361	84488361	C	ADD	1962	1.133	0.1239	0.889	1.445	1.01	0.3123
16	84488362	84488362	C	ADD	3725	1.022	0.1216	0.8051	1.297	0.1775	0.8591

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs28368112	84488458	C	ADD	6916	1.059	0.04576	0.9685	1.159	1.26	0.2077
16	84488780	84488780	C	ADD	7038	0.5578	0.3289	0.2927	1.063	-1.775	0.07592
16	rs170033	84489005	A	ADD	6592	0.9708	0.06699	0.8514	1.107	-0.442	0.6585
16	84489382	84489382	0	ADD	7317	NA	NA	NA	NA	NA	NA
16	rs4843859	84489457	G	ADD	7237	1.043	0.04436	0.9563	1.138	0.9526	0.3408
16	rs8058349	84489530	G	ADD	7286	0.8686	0.07206	0.7542	1	-1.955	0.05061
16	rs191022	84489633	G	ADD	7188	1.008	0.04085	0.9305	1.092	0.1967	0.8441
16	rs188602	84489852	T	ADD	7168	0.9073	0.07056	0.7901	1.042	-1.379	0.168
16	rs422186	84489971	A	ADD	7272	0.9081	0.07103	0.7901	1.044	-1.358	0.1746
16	rs56177354	84490153	T	ADD	6621	0.73	0.299	0.4063	1.312	-1.053	0.2926
16	rs2270501	84490489	T	ADD	7309	1.049	0.04606	0.9586	1.148	1.042	0.2973
16	rs2270502	84490539	T	ADD	7133	0.8944	0.07621	0.7703	1.038	-1.465	0.1429
16	84490567	84490567	0	ADD	7309	NA	NA	NA	NA	NA	NA
16	84490724	84490724	A	ADD	7260	0.5789	1.27	0.04808	6.97	-0.4306	0.6668
16	84491082	84491082	A	ADD	7231	1.142	0.09931	0.9402	1.388	1.339	0.1805
16	rs56196648	84491219	A	ADD	6539	0.8858	0.1385	0.6753	1.162	-0.8755	0.3813
16	rs305084	84491669	C	ADD	7248	1.126	0.06093	0.9993	1.269	1.948	0.05143
16	rs12447817	84491725	A	ADD	5147	1.104	0.1507	0.8216	1.483	0.6558	0.5119
16	84491886	84491886	G	ADD	7278	2.489	0.3893	1.16	5.339	2.342	0.01918
16	84491947	84491947	0	ADD	7318	NA	NA	NA	NA	NA	NA
16	84492016	84492016	C	ADD	7118	0.9205	0.07455	0.7953	1.065	-1.111	0.2665
16	rs1519978	84492712	T	ADD	7287	1.171	0.07263	1.015	1.35	2.169	0.03008
16	rs16939906	84493007	A	ADD	7242	1.303	0.581	0.4172	4.069	0.4553	0.6489
16	84493033	84493033	C	ADD	5807	0.7975	0.2738	0.4663	1.364	-0.8261	0.4088
16	rs16882	84493074	C	ADD	7305	1.168	0.07201	1.014	1.345	2.151	0.03144
16	rs11649549	84493298	C	ADD	7297	1.159	0.07212	1.006	1.335	2.049	0.04044
16	rs305083	84493379	G	ADD	7176	1.143	0.07238	0.9915	1.317	1.842	0.06553
16	rs12924316	84493764	T	ADD	7312	1.034	0.04592	0.9448	1.131	0.7233	0.4695
16	84493893	84493893	C	ADD	4237	1.151	0.06437	1.015	1.306	2.184	0.02899
16	84493900	84493900	C	ADD	4300	1.149	0.06419	1.014	1.304	2.17	0.03001
16	84493903	84493903	C	ADD	4301	1.145	0.06416	1.01	1.299	2.113	0.03456
16	84493958	84493958	C	ADD	7292	1.379	0.4368	0.5859	3.247	0.7363	0.4616
16	84494383	84494383	T	ADD	7148	0.8729	0.1949	0.5958	1.279	-0.6975	0.4855
16	rs305082	84494479	C	ADD	7308	1.159	0.07075	1.009	1.331	2.081	0.03741
16	84494689	84494689	0	ADD	7297	NA	NA	NA	NA	NA	NA
16	84494863	84494863	C	ADD	7281	1.169	0.09684	0.9673	1.414	1.617	0.1059
16	84495087	84495087	T	ADD	7146	2.545	0.9193	0.4199	15.42	1.016	0.3096
16	rs182511	84495157	G	ADD	7315	1.206	0.1306	0.9332	1.557	1.431	0.1525
16	84495288	84495288	0	ADD	6945	NA	NA	NA	NA	NA	NA
16	84495780	84495780	A	ADD	7297	1.358	1.074	0.1656	11.15	0.2853	0.7754
16	84495918	84495918	C	ADD	4677	1.193	0.1673	0.8593	1.655	1.053	0.2921
16	84495937	84495937	C	ADD	5763	0.8775	0.1119	0.7047	1.093	-1.168	0.2428
16	84495977	84495977	C	ADD	7031	0.9246	0.185	0.6433	1.329	-0.4239	0.6716
16	rs11642583	84496096	G	ADD	7275	1.124	0.1058	0.9136	1.383	1.106	0.2689
16	rs9940980	84496182	T	ADD	7314	1.137	0.1052	0.9251	1.397	1.22	0.2224
16	rs9926664	84496256	G	ADD	7291	1.143	0.1054	0.93	1.406	1.271	0.2037
16	rs11646550	84496336	A	ADD	7270	1.153	0.1094	0.9307	1.429	1.303	0.1925
16	84496676	84496676	0	ADD	7307	NA	NA	NA	NA	NA	NA
16	84496724	84496724	0	ADD	7317	NA	NA	NA	NA	NA	NA
16	84496745	84496745	C	ADD	7027	1.363	1.074	0.1661	11.19	0.2884	0.773
16	84496751	84496751	C	ADD	7027	1.363	1.074	0.1661	11.19	0.2884	0.773
16	rs3794662	84497151	A	ADD	7301	1.178	0.09642	0.9749	1.423	1.697	0.08973

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84497159	84497159	0	ADD	7310	NA	NA	NA	NA	NA	NA
16	rs3794661	84497167	A	ADD	7274	1.145	0.09704	0.947	1.385	1.399	0.1619
16	rs62052556	84497511	T	ADD	7239	1.15	0.1167	0.9147	1.446	1.197	0.2315
16	84497894	84497894	G	ADD	7208	0.9874	0.7357	0.2335	4.176	-0.01722	0.9863
16	84497914	84497914	G	ADD	7208	0.9874	0.7357	0.2335	4.176	-0.01722	0.9863
16	84498477	84498477	G	ADD	7038	0.9092	0.1304	0.7042	1.174	-0.7302	0.4653
16	rs4843320	84498514	T	ADD	7188	1.014	0.04821	0.923	1.115	0.2974	0.7662
16	84498527	84498527	A	ADD	7129	0.8741	0.1949	0.5966	1.281	-0.6904	0.4899
16	84498533	84498533	T	ADD	7043	0.9742	0.3046	0.5362	1.77	-0.08585	0.9316
16	84499184	84499184	G	ADD	7270	1.487	0.505	0.5527	4	0.7856	0.4321
16	rs305080	84499275	T	ADD	7216	1.058	0.04331	0.9715	1.151	1.291	0.1965
16	84499414	84499414	G	ADD	7102	1.216	0.1806	0.8538	1.733	1.085	0.2779
16	rs10514610	84499676	C	ADD	7316	1.144	0.09337	0.9527	1.374	1.441	0.1497
16	rs16939917	84499921	A	ADD	7258	1.163	0.0935	0.968	1.396	1.612	0.107
16	rs305079	84499997	C	ADD	7306	1.211	0.0909	1.013	1.447	2.104	0.03535
16	84500417	84500417	0	ADD	7285	NA	NA	NA	NA	NA	NA
16	rs305078	84500644	G	ADD	7284	2.348	0.5966	0.7292	7.56	1.431	0.1525
16	rs3794660	84500669	C	ADD	7234	1.132	0.1001	0.9308	1.378	1.243	0.2138
16	84500726	84500726	T	ADD	7129	0.8737	0.1949	0.5963	1.28	-0.6928	0.4884
16	rs305077	84500967	C	ADD	7311	1.088	0.04288	1	1.183	1.961	0.04986
16	84501753	84501753	0	ADD	7310	NA	NA	NA	NA	NA	NA
16	84501767	84501767	0	ADD	7310	NA	NA	NA	NA	NA	NA
16	84501890	84501890	0	ADD	7318	NA	NA	NA	NA	NA	NA
16	84501918	84501918	0	ADD	7304	NA	NA	NA	NA	NA	NA
16	rs391525	84501940	G	ADD	7306	1.082	0.04278	0.9954	1.177	1.852	0.06404
16	rs366304	84502301	A	ADD	7251	0.7355	0.5006	0.2757	1.962	-0.6138	0.5394
16	rs2292982	84502324	G	ADD	7312	1.094	0.04292	1.006	1.19	2.094	0.03628
16	84502367	84502367	0	ADD	7267	NA	NA	NA	NA	NA	NA
16	rs2292980	84502577	C	ADD	7311	1.096	0.04292	1.008	1.192	2.14	0.03234
16	84502640	84502640	A	ADD	7316	1.787	0.7905	0.3797	8.415	0.7347	0.4625
16	rs8052064	84502732	T	ADD	7122	1.081	0.1153	0.8621	1.355	0.6731	0.5009
16	rs16939945	84502750	T	ADD	7279	0.8275	0.1077	0.67	1.022	-1.757	0.07888
16	84502870	84502870	T	ADD	7316	0.2854	1.24	0.0251	3.245	-1.011	0.3121
16	84502888	84502888	C	ADD	7316	0.2854	1.24	0.0251	3.245	-1.011	0.3121
16	rs1519976	84503176	G	ADD	7296	1.044	0.03872	0.9677	1.126	1.112	0.2662
16	rs768410	84503229	G	ADD	7301	1.044	0.03872	0.9678	1.126	1.115	0.2649
16	rs147968	84503340	C	ADD	7288	1.042	0.03874	0.966	1.124	1.068	0.2857
16	84503481	84503481	0	ADD	7315	NA	NA	NA	NA	NA	NA
16	84503489	84503489	0	ADD	7260	NA	NA	NA	NA	NA	NA
16	rs925994	84503518	A	ADD	7292	1.18	0.09598	0.9777	1.424	1.725	0.08455
16	rs12923978	84503825	C	ADD	7201	1.073	0.04605	0.98	1.174	1.52	0.1285
16	rs424971	84503951	C	ADD	7252	1.038	0.03894	0.9615	1.12	0.9506	0.3418
16	rs11649318	84503982	C	ADD	7302	1.05	0.04067	0.9696	1.137	1.202	0.2294
16	rs11863590	84503995	G	ADD	7207	1.075	0.04602	0.9824	1.177	1.573	0.1157
16	84504494	84504494	0	ADD	7297	NA	NA	NA	NA	NA	NA
16	84504502	84504502	0	ADD	7310	NA	NA	NA	NA	NA	NA
16	84504605	84504605	C	ADD	6962	0.9253	0.06029	0.8222	1.041	-1.287	0.198
16	84504608	84504608	T	ADD	7309	1.003	0.6361	0.2883	3.489	0.004509	0.9964
16	84504790	84504790	0	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs8051462	84504828	G	ADD	7290	1.039	0.03836	0.9636	1.12	0.9934	0.3205
16	rs8064111	84504976	T	ADD	7199	1.133	0.118	0.8989	1.428	1.057	0.2906
16	rs8047999	84505028	C	ADD	7302	1.032	0.03836	0.9574	1.113	0.8261	0.4087

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84505065	84505065	C	ADD	7293	0.4249	1.306	0.03288	5.491	-0.6556	0.5121
16	84505099	84505099	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	84505252	84505252	A	ADD	7169	1.174	0.1869	0.8142	1.694	0.8601	0.3897
16	rs903202	84505280	C	ADD	7206	1.027	0.03829	0.9525	1.107	0.6878	0.4916
16	rs13331970	84505479	A	ADD	7289	0.9904	0.377	0.4731	2.073	-0.02556	0.9796
16	rs17444416	84505599	A	ADD	7307	0.9673	0.07477	0.8355	1.12	-0.444	0.657
16	84505753	84505753	G	ADD	7303	1.005	0.636	0.289	3.496	0.008133	0.9935
16	rs11649271	84505830	C	ADD	7265	1.114	0.1252	0.8717	1.424	0.8633	0.388
16	84505980	84505980	O	ADD	7316	NA	NA	NA	NA	NA	NA
16	rs903203	84506142	A	ADD	6950	1.022	0.04079	0.9434	1.107	0.5305	0.5958
16	84506417	84506417	T	ADD	7309	1.003	0.6361	0.2883	3.489	0.004509	0.9964
16	rs403038	84506572	A	ADD	7311	1.095	0.1198	0.866	1.385	0.7591	0.4478
16	rs8054513	84506608	G	ADD	7299	1.121	0.1246	0.8778	1.431	0.9142	0.3606
16	rs8059127	84506690	A	ADD	7299	1.033	0.3371	0.5333	1.999	0.095	0.9243
16	rs62052557	84506707	A	ADD	6847	0.7269	0.4389	0.3076	1.718	-0.7266	0.4675
16	rs305071	84506772	A	ADD	7027	0.9631	0.08914	0.8087	1.147	-0.4216	0.6733
16	rs28552575	84506805	T	ADD	7300	0.7912	0.4063	0.3568	1.754	-0.5765	0.5643
16	84506880	84506880	C	ADD	7268	1.085	0.2454	0.671	1.756	0.3342	0.7382
16	rs305070	84506925	G	ADD	7306	1.069	0.105	0.8701	1.313	0.6345	0.5257
16	rs9928776	84506960	T	ADD	7300	0.8986	0.4009	0.4096	1.971	-0.2668	0.7896
16	rs16939967	84506974	T	ADD	7310	1.04	0.04767	0.9468	1.141	0.8137	0.4158
16	rs305069	84507059	C	ADD	7162	1.03	0.03852	0.9553	1.111	0.7735	0.4392
16	rs35819447	84507211	G	ADD	7015	1.359	1.074	0.1656	11.16	0.2859	0.7749
16	84507230	84507230	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs305068	84507397	G	ADD	7270	1.108	0.1255	0.8664	1.417	0.8179	0.4134
16	rs16939969	84507645	C	ADD	7305	0.872	0.3185	0.4671	1.628	-0.4299	0.6673
16	rs28631400	84507948	T	ADD	7306	0.6953	0.3762	0.3326	1.453	-0.9662	0.334
16	rs28407896	84507957	T	ADD	7306	0.6953	0.3762	0.3326	1.453	-0.9662	0.334
16	84508024	84508024	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs11117415	84508187	G	ADD	7304	1.157	0.07758	0.9937	1.347	1.879	0.06026
16	84508204	84508204	O	ADD	7316	NA	NA	NA	NA	NA	NA
16	rs4843860	84508422	G	ADD	7284	0.9808	0.04035	0.9063	1.062	-0.4796	0.6315
16	rs4843861	84508477	T	ADD	7309	0.9787	0.04027	0.9044	1.059	-0.5348	0.5928
16	rs9926067	84508696	G	ADD	7309	0.7751	0.3339	0.4028	1.491	-0.7628	0.4456
16	rs12926854	84508759	G	ADD	7276	0.9775	0.04035	0.9032	1.058	-0.5633	0.5732
16	rs8054065	84508855	A	ADD	7230	0.9855	0.04002	0.9111	1.066	-0.3654	0.7148
16	84508893	84508893	O	ADD	7182	NA	NA	NA	NA	NA	NA
16	rs8046526	84509136	T	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs9934699	84509137	A	ADD	7268	1.147	0.06882	1.002	1.313	1.993	0.04626
16	rs9934701	84509148	A	ADD	7268	1.147	0.06882	1.002	1.313	1.993	0.04626
16	rs9926411	84509158	G	ADD	7312	1.175	0.1271	0.9155	1.507	1.266	0.2056
16	rs8058904	84509183	G	ADD	7295	NA	NA	NA	NA	NA	NA
16	rs9924484	84509239	G	ADD	7273	1.159	0.06875	1.013	1.326	2.144	0.03207
16	rs9924488	84509249	G	ADD	7268	0.9775	0.04029	0.9033	1.058	-0.5638	0.5729
16	rs8064189	84509297	G	ADD	7200	1.159	0.06839	1.014	1.325	2.159	0.03084
16	84509524	84509524	O	ADD	6604	NA	NA	NA	NA	NA	NA
16	84509646	84509646	O	ADD	7138	NA	NA	NA	NA	NA	NA
16	rs28368114	84509781	A	ADD	7056	0.781	0.5704	0.2553	2.389	-0.4335	0.6647
16	rs61995933	84509816	T	ADD	7261	2.688	1.26	0.2275	31.77	0.7849	0.4325
16	84510111	84510111	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	84510173	84510173	C	ADD	7165	0.5999	1.416	0.03741	9.621	-0.3609	0.7182
16	rs2280378	84510246	G	ADD	7277	1.038	0.03895	0.9613	1.12	0.9465	0.3439

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs7185022	84510430	A	ADD	7251	0.9651	0.03901	0.8941	1.042	-0.9105	0.3626
16	rs13338943	84510452	T	ADD	7317	0.9248	0.05476	0.8307	1.03	-1.427	0.1535
16	rs12929551	84510511	T	ADD	7305	1.023	0.04752	0.9317	1.123	0.4722	0.6368
16	84510613	84510613	T	ADD	7298	4.664	0.8166	0.9414	23.11	1.886	0.0593
16	rs16939994	84510669	G	ADD	7298	1.144	0.132	0.8832	1.482	1.019	0.3081
16	rs8057456	84510697	T	ADD	7106	1.088	0.04303	1	1.184	1.969	0.049
16	84510714	84510714	C	ADD	7258	2.32E-09	2.44E+04	0	inf	-0.0008156	0.9993
16	84510896	84510896	A	ADD	6968	0.9474	0.1339	0.7288	1.232	-0.4034	0.6867
16	84510938	84510938	O	ADD	7288	NA	NA	NA	NA	NA	NA
16	rs9927932	84510947	T	ADD	7317	1.436	0.3699	0.6953	2.965	0.9777	0.3282
16	rs11866752	84510994	T	ADD	7308	2.253	0.5156	0.8203	6.19	1.576	0.1151
16	rs28368115	84511122	T	ADD	7286	1.105	0.1357	0.8471	1.442	0.7369	0.4612
16	rs16940005	84511183	C	ADD	7259	1.042	0.04787	0.9485	1.144	0.8551	0.3925
16	84511331	84511331	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs35593615	84511410	G	ADD	7287	1.033	0.04759	0.9411	1.134	0.6848	0.4935
16	rs3751712	84511456	C	ADD	6654	1.06	0.04595	0.9684	1.16	1.261	0.2074
16	84511483	84511483	A	ADD	5803	0.9581	0.227	0.6141	1.495	-0.1884	0.8506
16	rs4843321	84511577	C	ADD	7135	1.075	0.04506	0.9837	1.174	1.596	0.1105
16	84511720	84511720	G	ADD	7314	8.667	1.115	0.9737	77.16	1.936	0.05286
16	rs16940007	84511788	T	ADD	7313	3.50E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	rs16940009	84512089	C	ADD	7315	1.988	0.5275	0.7071	5.591	1.303	0.1926
16	84512224	84512224	T	ADD	7316	1.32E+09	2.44E+04	0	inf	0.0008613	0.9993
16	rs2270503	84512302	A	ADD	7309	0.2876	1.24	0.02531	3.268	-1.005	0.3149
16	84512462	84512462	O	ADD	7311	NA	NA	NA	NA	NA	NA
16	84512553	84512553	O	ADD	7316	NA	NA	NA	NA	NA	NA
16	84512648	84512648	A	ADD	7312	3.181	1.374	0.2152	47.01	0.842	0.3998
16	rs28368116	84512695	C	ADD	7261	0.7057	0.2657	0.4192	1.188	-1.312	0.1896
16	rs10514611	84512743	T	ADD	7261	1.147	0.07722	0.9859	1.334	1.776	0.07566
16	rs1568391	84512805	G	ADD	7027	0.969	0.04022	0.8955	1.048	-0.7832	0.4335
16	rs305072	84513164	G	ADD	7302	1.059	0.1276	0.825	1.36	0.4524	0.651
16	rs1044873	84513172	A	ADD	7177	1.077	0.04471	0.9868	1.176	1.663	0.09633
16	84513230	84513230	A	ADD	6983	0.9669	0.0406	0.893	1.047	-0.8278	0.4078
16	84513410	84513410	G	ADD	7308	0.2875	1.24	0.0253	3.267	-1.005	0.3148
16	rs28368119	84513449	T	ADD	7054	0.713	0.2203	0.463	1.098	-1.536	0.1246
16	84513495	84513495	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs6638	84513545	A	ADD	6980	0.9754	0.04056	0.9009	1.056	-0.6142	0.5391
16	84513863	84513863	C	ADD	2097	1.053	0.07329	0.9117	1.215	0.6992	0.4844
16	rs11646027	84513898	C	ADD	7290	1.145	0.07454	0.9893	1.325	1.816	0.06944
16	rs28368120	84514144	T	ADD	7304	1.119	0.129	0.8688	1.441	0.8699	0.3844
16	84514396	84514396	C	ADD	6915	1.316	0.2049	0.8804	1.966	1.338	0.1808
16	rs7204286	84514422	T	ADD	7172	1.141	0.0744	0.9865	1.321	1.777	0.07553
16	rs1021479	84514915	C	ADD	7301	1.131	0.1266	0.8826	1.45	0.9737	0.3302
16	84514923	84514923	O	ADD	7309	NA	NA	NA	NA	NA	NA
16	rs305073	84515294	T	ADD	7207	1.095	0.0432	1.006	1.191	2.094	0.03622
16	rs305074	84515321	C	ADD	7211	1.099	0.04299	1.01	1.195	2.19	0.02849
16	rs9932835	84515425	G	ADD	7284	1.155	0.07447	0.998	1.336	1.933	0.05326
16	rs11117416	84515825	G	ADD	7316	1.146	0.07372	0.9915	1.324	1.844	0.06518
16	84516049	84516049	O	ADD	7209	NA	NA	NA	NA	NA	NA
16	84516201	84516201	T	ADD	7317	2.06E-09	2.44E+04	0	inf	-0.0008204	0.9993
16	rs16940023	84516215	T	ADD	7302	1.128	0.126	0.8809	1.444	0.9542	0.34
16	rs8052521	84516230	A	ADD	7306	1.14	0.06514	1.003	1.295	2.012	0.04422
16	rs1021480	84516471	G	ADD	7232	1.181	0.06571	1.039	1.344	2.536	0.01121

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs1021481	84516521	A	ADD	7304	1.156	0.06514	1.017	1.313	2.225	0.02606
16	rs880364	84516666	G	ADD	7311	1.157	0.06493	1.019	1.314	2.247	0.02464
16	rs880365	84516863	T	ADD	7314	1.141	0.06469	1.005	1.295	2.039	0.04148
16	rs880366	84516939	C	ADD	7313	1.151	0.06461	1.014	1.306	2.175	0.02966
16	84517038	84517038	O	ADD	7296	NA	NA	NA	NA	NA	NA
16	84517061	84517061	O	ADD	7291	NA	NA	NA	NA	NA	NA
16	84517099	84517099	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs305075	84517136	T	ADD	7304	0.9774	0.0395	0.9046	1.056	-0.5791	0.5625
16	84517710	84517710	O	ADD	7314	NA	NA	NA	NA	NA	NA
16	rs11644411	84517732	C	ADD	7240	1.167	0.07365	1.01	1.348	2.095	0.03617
16	rs11648480	84517780	T	ADD	7257	1.173	0.07388	1.014	1.355	2.154	0.03121
16	84517870	84517870	A	ADD	7116	1.181	0.1331	0.9097	1.533	1.249	0.2117
16	84517901	84517901	C	ADD	7304	0.5483	0.5693	0.1796	1.673	-1.056	0.2912
16	rs1472235	84518468	A	ADD	7162	1.013	0.04624	0.9252	1.109	0.2778	0.7812
16	84518535	84518535	T	ADD	6865	0.6558	0.5101	0.2413	1.782	-0.827	0.4082
16	rs1038953	84518591	A	ADD	6777	1.381	0.2595	0.8303	2.296	1.243	0.2138
16	84518682	84518682	A	ADD	7243	1.482	0.505	0.5507	3.987	0.7785	0.4363
16	84518866	84518866	C	ADD	7243	1.361	0.971	0.2029	9.125	0.3171	0.7512
16	rs4843862	84518960	G	ADD	5522	0.9699	0.04395	0.8899	1.057	-0.6949	0.4871
16	rs17444745	84519063	A	ADD	7313	0.9445	0.04804	0.8596	1.038	-1.189	0.2344
16	84519295	84519295	T	ADD	7316	8.675	1.115	0.9746	77.23	1.937	0.05276
16	84519403	84519403	G	ADD	7242	1.121	0.3274	0.5901	2.13	0.3491	0.727
16	84519498	84519498	G	ADD	7308	0.5065	0.8936	0.08789	2.919	-0.7612	0.4465
16	84519800	84519800	C	ADD	7298	2.129	0.8529	0.4001	11.33	0.8859	0.3757
16	rs305076	84519862	C	ADD	7295	5.533	1.148	0.583	52.51	1.49	0.1362
16	84520081	84520081	O	ADD	7307	NA	NA	NA	NA	NA	NA
16	84520237	84520237	C	ADD	7310	1.529	1.157	0.1585	14.76	0.3672	0.7134
16	84520351	84520351	C	ADD	6539	1.012	0.09926	0.8331	1.229	0.1198	0.9047
16	84520516	84520516	A	ADD	6526	1.013	0.09831	0.8356	1.228	0.1329	0.8943
16	84520518	84520518	O	ADD	7311	NA	NA	NA	NA	NA	NA
16	84520604	84520604	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	84521376	84521376	T	ADD	6983	1.592	0.292	0.8982	2.821	1.592	0.1113
16	84521433	84521433	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	84521580	84521580	G	ADD	7292	4.95	0.8089	1.014	24.16	1.977	0.04802
16	84521632	84521632	T	ADD	7219	0.638	1.215	0.05902	6.898	-0.37	0.7114
16	84521737	84521737	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs12598785	84521809	G	ADD	7263	0.9767	0.05367	0.8791	1.085	-0.44	0.6599
16	rs60218704	84521854	C	ADD	7294	8.725	1.116	0.9794	77.73	1.941	0.05223
16	rs8045988	84521891	A	ADD	7315	1.09	0.07357	0.9435	1.259	1.17	0.242
16	rs366078	84522064	C	ADD	7302	0.9645	0.07991	0.8247	1.128	-0.4524	0.651
16	rs2172625	84522286	C	ADD	7161	0.9283	0.08064	0.7926	1.087	-0.9231	0.3559
16	rs2970094	84522327	A	ADD	6785	0.9201	0.07489	0.7945	1.066	-1.112	0.266
16	84522420	84522420	A	ADD	7250	0.6383	1.422	0.03934	10.35	-0.3158	0.7521
16	84522462	84522462	O	ADD	7308	NA	NA	NA	NA	NA	NA
16	rs399280	84522499	G	ADD	7167	1.022	0.07846	0.8761	1.192	0.2738	0.7842
16	rs383425	84522540	T	ADD	7298	1.06	0.04162	0.9766	1.15	1.391	0.1641
16	84522577	84522577	C	ADD	7293	0.9986	0.07866	0.8559	1.165	-0.01764	0.9859
16	84522585	84522585	C	ADD	7057	1.984	0.3701	0.9604	4.097	1.851	0.0642
16	rs56200928	84522852	C	ADD	7007	1.461	0.191	1.005	2.125	1.985	0.04711
16	84522867	84522867	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	84522980	84522980	A	ADD	7305	1.263	1.557	0.05976	26.7	0.1501	0.8807
16	rs523642	84523096	A	ADD	7280	1.009	0.07949	0.8634	1.179	0.1129	0.9101

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs524432	84523155	C	ADD	7315	1.007	0.07806	0.8641	1.173	0.08861	0.9294
16	84523165	84523165	A	ADD	7308	0.7084	0.2877	0.4031	1.245	-1.198	0.2308
16	84523216	84523216	T	ADD	7303	5.24E+09	2.44E+04	0	inf	0.000918	0.9993
16	rs388988	84523302	T	ADD	7257	0.988	0.07782	0.8482	1.151	-0.1555	0.8765
16	84523320	84523320	O	ADD	7311	NA	NA	NA	NA	NA	NA
16	rs73266819	84523372	C	ADD	7314	0.8448	0.7958	0.1776	4.019	-0.212	0.8321
16	84523433	84523433	C	ADD	7063	0.9422	0.0849	0.7977	1.113	-0.7016	0.4829
16	rs411221	84523460	C	ADD	7146	0.9769	0.08	0.8351	1.143	-0.292	0.7703
16	84523472	84523472	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	84523510	84523510	O	ADD	7309	NA	NA	NA	NA	NA	NA
16	rs878453	84523664	C	ADD	7050	0.967	0.04138	0.8917	1.049	-0.8112	0.4172
16	rs878454	84523673	A	ADD	7281	0.9581	0.05751	0.8559	1.072	-0.745	0.4563
16	rs903201	84523785	C	ADD	7231	0.9826	0.05648	0.8796	1.098	-0.311	0.7558
16	rs11861479	84523794	G	ADD	7233	0.9823	0.05648	0.8794	1.097	-0.3156	0.7523
16	rs11117417	84523830	T	ADD	7234	0.9867	0.05651	0.8832	1.102	-0.2376	0.8122
16	rs58980382	84523934	T	ADD	7048	0.8994	0.08797	0.757	1.069	-1.205	0.2281
16	rs11860480	84523959	C	ADD	7301	0.968	0.04523	0.8859	1.058	-0.7188	0.4723
16	rs11860517	84524000	G	ADD	7297	0.99	0.05583	0.8874	1.104	-0.1802	0.857
16	rs11117418	84524028	G	ADD	7294	0.9859	0.05195	0.8904	1.092	-0.2743	0.7839
16	rs12051539	84524038	G	ADD	7195	1.195	0.1542	0.8836	1.617	1.157	0.2472
16	84524043	84524043	A	ADD	7107	0.9439	0.1276	0.735	1.212	-0.4524	0.651
16	84524049	84524049	G	ADD	7172	0.907	0.08756	0.764	1.077	-1.115	0.2648
16	84524139	84524139	O	ADD	7307	NA	NA	NA	NA	NA	NA
16	rs13332649	84524184	G	ADD	7085	0.995	0.1279	0.7743	1.279	-0.03891	0.969
16	rs875529	84524187	C	ADD	7280	0.9824	0.05601	0.8803	1.096	-0.317	0.7512
16	rs875528	84524211	A	ADD	7194	1.263	0.152	0.9378	1.702	1.538	0.1241
16	84524220	84524220	T	ADD	7194	1.082	0.1905	0.745	1.572	0.4149	0.6782
16	rs875527	84524231	A	ADD	7314	1.293	0.1525	0.9589	1.743	1.685	0.09207
16	rs419030	84524302	A	ADD	7171	0.6375	0.2318	0.4047	1.004	-1.942	0.05218
16	84524389	84524389	O	ADD	7317	NA	NA	NA	NA	NA	NA
16	84524454	84524454	C	ADD	6992	0.6062	0.8196	0.1216	3.022	-0.6107	0.5414
16	84524516	84524516	C	ADD	7308	1.344	0.6201	0.3987	4.532	0.4771	0.6333
16	rs12596341	84524541	A	ADD	7290	0.9325	0.05959	0.8297	1.048	-1.172	0.2411
16	rs7198271	84524586	G	ADD	7274	0.9558	0.5359	0.3344	2.732	-0.08435	0.9328
16	84524664	84524664	C	ADD	6831	0.9232	0.06431	0.8139	1.047	-1.242	0.2142
16	84524665	84524665	C	ADD	7165	0.94	0.05851	0.8381	1.054	-1.058	0.2903
16	84524666	84524666	C	ADD	7165	0.94	0.05851	0.8381	1.054	-1.058	0.2903
16	84524668	84524668	C	ADD	7133	0.9376	0.05853	0.836	1.052	-1.1	0.2713
16	84524687	84524687	C	ADD	4176	0.8643	0.1425	0.6537	1.143	-1.023	0.3062
16	84524706	84524706	C	ADD	3233	0.947	0.09297	0.7893	1.136	-0.5856	0.5582
16	84524707	84524707	C	ADD	2823	0.9196	0.1206	0.726	1.165	-0.6952	0.4869
16	84524722	84524722	C	ADD	6002	1.022	0.2219	0.6614	1.578	0.09683	0.9229
16	84524723	84524723	C	ADD	5979	1.024	0.2219	0.6627	1.581	0.1055	0.916
16	84524750	84524750	T	ADD	7049	0.8808	0.1306	0.6819	1.138	-0.9716	0.3313
16	rs12444221	84524786	T	ADD	7298	1.245	0.1723	0.888	1.745	1.27	0.204
16	84524997	84524997	O	ADD	7258	NA	NA	NA	NA	NA	NA
16	rs437291	84525009	C	ADD	7281	0.9867	0.05587	0.8844	1.101	-0.2392	0.8109
16	84525054	84525054	O	ADD	7315	NA	NA	NA	NA	NA	NA
16	84525087	84525087	T	ADD	6993	1.493	0.3471	0.7562	2.948	1.155	0.2482
16	rs9936079	84525095	A	ADD	6951	1.179	0.1673	0.8491	1.636	0.9823	0.3259
16	rs385344	84525105	G	ADD	7299	NA	NA	NA	NA	NA	NA
16	rs447632	84525141	G	ADD	7301	0.9477	0.05838	0.8453	1.063	-0.9196	0.3578

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs34337659	84525158	C	ADD	7308	NA	NA	NA	NA	NA	NA
16	rs66509440	84525182	T	ADD	6872	NA	NA	NA	NA	NA	NA
16	rs66804793	84525190	A	ADD	6873	NA	NA	NA	NA	NA	NA
16	rs9925859	84525223	C	ADD	7287	0.9934	0.05483	0.8921	1.106	-0.1215	0.9033
16	rs74032085	84525245	C	ADD	6741	NA	NA	NA	NA	NA	NA
16	rs16940044	84525266	G	ADD	6721	NA	NA	NA	NA	NA	NA
16	84525360	84525360	G	ADD	7167	4.81E-10	2.44E+04	0	inf	-0.0008801	0.9993
16	rs2934497	84525379	T	ADD	6700	NA	NA	NA	NA	NA	NA
16	rs2970091	84525387	A	ADD	6786	NA	NA	NA	NA	NA	NA
16	rs2970090	84525392	A	ADD	6771	1.007	0.05633	0.902	1.125	0.1286	0.8977
16	rs56239618	84525421	G	ADD	6748	0.9055	0.07678	0.779	1.053	-1.293	0.1961
16	rs57439018	84525761	C	ADD	7311	0.8445	0.7958	0.1775	4.018	-0.2124	0.8318
16	84525770	84525770	A	ADD	7313	1.34E+09	1.41E+04	0	inf	0.001493	0.9988
16	rs2934498	84525783	G	ADD	7306	NA	NA	NA	NA	NA	NA
16	rs447919	84526058	T	ADD	7279	0.9924	0.05485	0.8913	1.105	-0.1385	0.8898
16	84526080	84526080	O	ADD	7313	NA	NA	NA	NA	NA	NA
16	84526134	84526134	O	ADD	7306	NA	NA	NA	NA	NA	NA
16	rs439885	84526175	A	ADD	7311	NA	NA	NA	NA	NA	NA
16	rs10400953	84526344	T	ADD	7305	0.9875	0.0561	0.8846	1.102	-0.2249	0.822
16	84526382	84526382	T	ADD	7309	6.99E-10	1.60E+04	0	inf	-0.001317	0.9989
16	rs450443	84526392	G	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs396987	84526435	G	ADD	7316	NA	NA	NA	NA	NA	NA
16	rs385989	84526509	G	ADD	7258	0.9846	0.05385	0.886	1.094	-0.2886	0.7729
16	84526528	84526528	A	ADD	7245	0.9266	0.281	0.5342	1.607	-0.2714	0.786
16	rs4843865	84526806	T	ADD	7295	1.281	0.1685	0.9211	1.783	1.472	0.141
16	84527141	84527141	C	ADD	7306	1.259	0.1739	0.8951	1.77	1.322	0.186
16	rs8052690	84527239	G	ADD	7312	1.298	0.1693	0.9315	1.809	1.541	0.1234
16	rs7185692	84527553	G	ADD	7297	0.9857	0.05618	0.883	1.1	-0.2558	0.7981
16	84527600	84527600	C	ADD	3039	1.121	0.0956	0.9294	1.352	1.194	0.2326
16	84527601	84527601	A	ADD	5791	0.9696	0.07776	0.8325	1.129	-0.3968	0.6915
16	84527603	84527603	C	ADD	4186	1.026	0.07213	0.8905	1.182	0.3529	0.7242
16	84527612	84527612	C	ADD	7002	3.031	0.4078	1.363	6.74	2.719	0.006546
16	84527613	84527613	T	ADD	6673	2.031	0.348	1.027	4.018	2.037	0.04169
16	84527727	84527727	O	ADD	7193	NA	NA	NA	NA	NA	NA
16	84527829	84527829	C	ADD	7202	1.258	0.5175	0.4561	3.468	0.443	0.6578
16	rs8059144	84527977	C	ADD	7279	1.006	0.05492	0.903	1.12	0.1015	0.9191
16	rs8045825	84527979	G	ADD	7283	1.005	0.05492	0.9026	1.119	0.09478	0.9245
16	84528014	84528014	G	ADD	7310	3.49E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	84528020	84528020	T	ADD	7277	0.5306	0.6327	0.1535	1.834	-1.001	0.3166
16	rs4843866	84528151	T	ADD	7283	1.005	0.05493	0.9022	1.119	0.08535	0.932
16	rs4843867	84528219	G	ADD	7285	1.005	0.05491	0.9024	1.119	0.09041	0.928
16	84528233	84528233	A	ADD	7311	0.1638	1.093	0.01922	1.396	-1.655	0.09799
16	rs186249	84528397	C	ADD	7130	1.08	0.1862	0.7501	1.556	0.4154	0.6779
16	84528620	84528620	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	84528669	84528669	O	ADD	7297	NA	NA	NA	NA	NA	NA
16	rs12149636	84528721	G	ADD	7288	1.001	0.05599	0.8971	1.117	0.02002	0.984
16	84528857	84528857	C	ADD	7098	1.015	0.06127	0.9001	1.145	0.2428	0.8081
16	84528860	84528860	T	ADD	6296	NA	NA	NA	NA	NA	NA
16	rs12149642	84528922	T	ADD	7021	0.9967	0.06294	0.881	1.128	-0.05267	0.958
16	84529014	84529014	G	ADD	6943	0.807	0.1392	0.6143	1.06	-1.54	0.1234
16	84529016	84529016	C	ADD	3179	0.8743	0.08921	0.7341	1.041	-1.505	0.1322
16	84529025	84529025	C	ADD	5417	1.209	0.1146	0.9658	1.514	1.657	0.09759

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84529026	84529026	C	ADD	5877	1.073	0.11	0.8651	1.332	0.6428	0.5204
16	84529027	84529027	C	ADD	6463	0.9839	0.06373	0.8684	1.115	-0.2546	0.799
16	84529028	84529028	C	ADD	6344	1.044	0.06343	0.9219	1.182	0.6784	0.4975
16	84529029	84529029	C	ADD	6645	1.02	0.06307	0.9018	1.155	0.3212	0.748
16	84529030	84529030	C	ADD	6645	1.02	0.06307	0.9018	1.155	0.3212	0.748
16	84529031	84529031	C	ADD	6353	0.9902	0.0634	0.8745	1.121	-0.1558	0.8762
16	rs12149223	84529032	C	ADD	5728	1.041	0.129	0.8082	1.34	0.3094	0.757
16	84529037	84529037	C	ADD	6893	0.9738	0.2279	0.623	1.522	-0.1165	0.9073
16	84529038	84529038	C	ADD	6955	1.425	0.3655	0.696	2.916	0.9686	0.3328
16	84529220	84529220	T	ADD	7005	1.039	0.1478	0.7777	1.388	0.2585	0.7961
16	84529277	84529277	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs305067	84529341	C	ADD	6680	0.9836	0.05375	0.8852	1.093	-0.3077	0.7583
16	rs11117419	84529383	G	ADD	7291	1.005	0.06128	0.8908	1.133	0.07383	0.9411
16	rs11117420	84529423	C	ADD	7061	1.355	0.3077	0.7413	2.476	0.9872	0.3235
16	rs11117421	84529461	A	ADD	7293	1.003	0.06127	0.8895	1.131	0.04868	0.9612
16	rs11117422	84529514	C	ADD	7202	NA	NA	NA	NA	NA	NA
16	84529575	84529575	O	ADD	7243	NA	NA	NA	NA	NA	NA
16	rs11117423	84529682	C	ADD	7265	1.006	0.06132	0.8922	1.135	0.0999	0.9204
16	rs11117424	84529738	G	ADD	7311	1.005	0.06119	0.8912	1.133	0.07694	0.9387
16	rs11117425	84529772	T	ADD	7303	1.006	0.0613	0.8924	1.135	0.1037	0.9174
16	rs11648012	84529908	T	ADD	7309	1.004	0.06116	0.8907	1.132	0.06797	0.9458
16	84530040	84530040	T	ADD	7304	0.8628	1.42	0.05333	13.96	-0.1039	0.9172
16	rs11643999	84530070	A	ADD	7310	1.004	0.06116	0.8908	1.132	0.06956	0.9445
16	rs11648084	84530099	T	ADD	7313	1.007	0.0612	0.8935	1.136	0.1192	0.9051
16	rs11644034	84530113	A	ADD	7264	NA	NA	NA	NA	NA	NA
16	rs16940083	84530130	T	ADD	7313	0.6592	0.7663	0.1468	2.96	-0.5438	0.5866
16	84530187	84530187	O	ADD	7157	NA	NA	NA	NA	NA	NA
16	rs305066	84530277	T	ADD	7255	1.08	0.09837	0.8909	1.31	0.7856	0.4321
16	rs12600127	84530280	G	ADD	7273	0.9948	0.06139	0.882	1.122	-0.08468	0.9325
16	rs13335265	84530311	C	ADD	6914	0.8683	0.2176	0.5668	1.33	-0.6487	0.5165
16	84530325	84530325	O	ADD	7259	NA	NA	NA	NA	NA	NA
16	84530431	84530431	G	ADD	7309	6.99E-10	1.60E+04	0	inf	-0.001317	0.9989
16	rs62051023	84530439	T	ADD	7286	1.289	0.1686	0.9259	1.793	1.504	0.1327
16	84530468	84530468	T	ADD	7278	0.5326	1.32	0.04007	7.078	-0.4773	0.6332
16	rs8062669	84530493	T	ADD	7304	1.004	0.09069	0.8403	1.199	0.04187	0.9666
16	rs12711490	84530529	C	ADD	7309	NA	NA	NA	NA	NA	NA
16	84530554	84530554	C	ADD	7310	2.068	0.7432	0.4817	8.874	0.9773	0.3284
16	rs12598434	84530560	T	ADD	7264	1.007	0.06132	0.8933	1.136	0.1209	0.9038
16	rs11641153	84530641	G	ADD	7293	NA	NA	NA	NA	NA	NA
16	rs11641155	84530653	G	ADD	7292	NA	NA	NA	NA	NA	NA
16	rs7205434	84530696	G	ADD	7292	NA	NA	NA	NA	NA	NA
16	rs8050476	84530705	G	ADD	7316	0.9675	0.08862	0.8133	1.151	-0.3725	0.7096
16	rs4843868	84530902	T	ADD	7288	NA	NA	NA	NA	NA	NA
16	84530967	84530967	T	ADD	7294	0.9694	0.1085	0.7836	1.199	-0.2867	0.7743
16	rs1879213	84530977	T	ADD	7302	0.9835	0.06156	0.8717	1.11	-0.2701	0.7871
16	rs56250418	84530999	T	ADD	7048	0.9102	0.07328	0.7884	1.051	-1.284	0.1991
16	rs305065	84531367	G	ADD	7270	0.9968	0.05143	0.9012	1.103	-0.06187	0.9507
16	84531390	84531390	C	ADD	7220	0.9589	0.2715	0.5632	1.633	-0.1544	0.8773
16	rs305064	84531643	T	ADD	7255	1.004	0.05144	0.9076	1.11	0.07442	0.9407
16	rs9927123	84531682	G	ADD	7279	0.9913	0.05315	0.8932	1.1	-0.1642	0.8696
16	rs16940087	84531752	T	ADD	7313	0.6592	0.7663	0.1468	2.96	-0.5438	0.5866
16	rs16940088	84531870	T	ADD	7300	0.9861	0.06161	0.8739	1.113	-0.2272	0.8203

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs13330932	84532008	T	ADD	7226	0.9428	0.06564	0.829	1.072	-0.8972	0.3696
16	84532040	84532040	T	ADD	7279	0.5322	1.32	0.04004	7.073	-0.4779	0.6327
16	rs305063	84532158	T	ADD	6981	0.9658	0.08939	0.8106	1.151	-0.3897	0.6967
16	84532198	84532198	O	ADD	7302	NA	NA	NA	NA	NA	NA
16	rs56834409	84532277	G	ADD	7300	0.9873	0.06161	0.875	1.114	-0.2066	0.8363
16	84532342	84532342	C	ADD	4958	0.9463	0.08392	0.8028	1.115	-0.6575	0.5108
16	rs4843322	84532386	G	ADD	7299	0.9862	0.06155	0.8742	1.113	-0.2253	0.8217
16	rs4843323	84532462	T	ADD	7305	NA	NA	NA	NA	NA	NA
16	rs12596291	84532538	C	ADD	7297	0.9862	0.06163	0.874	1.113	-0.225	0.822
16	rs12596295	84532576	A	ADD	7291	0.931	0.0656	0.8186	1.059	-1.09	0.2756
16	rs4843869	84532642	A	ADD	7318	NA	NA	NA	NA	NA	NA
16	84532733	84532733	O	ADD	7157	NA	NA	NA	NA	NA	NA
16	84532800	84532800	G	ADD	7035	1.444	0.457	0.5896	3.536	0.8038	0.4215
16	84532862	84532862	O	ADD	7021	NA	NA	NA	NA	NA	NA
16	rs305062	84533003	G	ADD	7314	1.252	0.1761	0.8867	1.769	1.277	0.2014
16	rs305061	84533160	C	ADD	7293	0.9974	0.0494	0.9054	1.099	-0.05247	0.9582
16	84533416	84533416	C	ADD	4259	1.02	0.1007	0.8372	1.243	0.196	0.8446
16	rs305060	84533417	C	ADD	7291	0.9982	0.04946	0.906	1.1	-0.03663	0.9708
16	rs16940099	84533441	C	ADD	7295	0.9765	0.09089	0.8172	1.167	-0.2617	0.7936
16	rs16940100	84533460	T	ADD	7300	0.986	0.09054	0.8257	1.177	-0.1559	0.8761
16	84533481	84533481	O	ADD	7316	NA	NA	NA	NA	NA	NA
16	rs305059	84533519	A	ADD	7087	0.9782	0.04993	0.887	1.079	-0.441	0.6592
16	84533526	84533526	O	ADD	7311	NA	NA	NA	NA	NA	NA
16	84533672	84533672	T	ADD	7300	0.986	0.09054	0.8257	1.177	-0.1559	0.8761
16	84533804	84533804	C	ADD	7299	0.9859	0.09053	0.8256	1.177	-0.1571	0.8752
16	84533839	84533839	O	ADD	7173	NA	NA	NA	NA	NA	NA
16	84533939	84533939	C	ADD	7150	0.9905	0.09083	0.829	1.184	-0.105	0.9164
16	84534522	84534522	G	ADD	7236	1.137	0.2247	0.7319	1.766	0.5708	0.5681
16	84534632	84534632	C	ADD	7313	1.481	0.8033	0.3067	7.149	0.4886	0.6252
16	84534741	84534741	T	ADD	7187	1.257	0.5174	0.4558	3.465	0.4417	0.6587
16	rs7202472	84535003	T	ADD	7271	0.9265	0.1558	0.6827	1.257	-0.4898	0.6243
16	84535111	84535111	T	ADD	7179	0.822	0.2051	0.5499	1.229	-0.9559	0.3391
16	84535271	84535271	A	ADD	7285	0.3062	0.8415	0.05885	1.593	-1.406	0.1596
16	84535272	84535272	A	ADD	7301	0.1825	1.124	0.02014	1.653	-1.513	0.1303
16	rs305097	84535412	A	ADD	7215	1.125	0.1068	0.9129	1.387	1.106	0.2686
16	rs62051024	84535456	C	ADD	7033	0.9129	0.07258	0.7919	1.052	-1.255	0.2093
16	rs305095	84535500	T	ADD	7284	1.076	0.1043	0.8767	1.319	0.6984	0.4849
16	rs305094	84535606	C	ADD	7262	1.008	0.0495	0.915	1.111	0.1659	0.8683
16	rs72807020	84535618	G	ADD	7266	0.9293	0.05972	0.8266	1.045	-1.228	0.2194
16	rs16940101	84535626	G	ADD	7315	0.9656	0.08894	0.8111	1.149	-0.3941	0.6935
16	rs16940103	84535710	T	ADD	7264	0.9216	0.05976	0.8197	1.036	-1.367	0.1717
16	rs16940104	84535711	T	ADD	7300	0.9671	0.09049	0.8099	1.155	-0.3697	0.7116
16	rs7186094	84535988	T	ADD	7310	0.9864	0.05594	0.8839	1.101	-0.2452	0.8063
16	rs7190319	84536046	G	ADD	7313	0.9872	0.05599	0.8846	1.102	-0.2307	0.8175
16	rs305093	84536086	T	ADD	7288	1.001	0.04964	0.9084	1.104	0.02522	0.9799
16	84536244	84536244	O	ADD	7308	NA	NA	NA	NA	NA	NA
16	rs11639990	84536305	G	ADD	7314	0.9869	0.05592	0.8845	1.101	-0.2355	0.8138
16	84536585	84536585	O	ADD	7227	NA	NA	NA	NA	NA	NA
16	84536608	84536608	C	ADD	7284	2.475	0.5035	0.9226	6.639	1.8	0.07187
16	rs305092	84536618	A	ADD	7256	0.9983	0.05266	0.9004	1.107	-0.03274	0.9739
16	rs305091	84536744	A	ADD	7290	0.9886	0.05214	0.8926	1.095	-0.2198	0.8261
16	84536846	84536846	C	ADD	3139	0.9548	0.08598	0.8067	1.13	-0.5383	0.5903

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs305090	84536847	T	ADD	7267	0.9997	0.05212	0.9026	1.107	-0.00661	0.9947
16	84536862	84536862	A	ADD	7313	1.941	0.561	0.6462	5.828	1.182	0.2373
16	84537033	84537033	T	ADD	7254	4.49E-10	2.44E+04	0	inf	-0.000883	0.9993
16	84537070	84537070	T	ADD	7287	0.3671	0.847	0.06979	1.931	-1.183	0.2367
16	84537135	84537135	0	ADD	7273	NA	NA	NA	NA	NA	NA
16	84537212	84537212	A	ADD	7305	6.99E-10	1.60E+04	0	inf	-0.001317	0.9989
16	84537309	84537309	0	ADD	7307	NA	NA	NA	NA	NA	NA
16	rs11641591	84537652	T	ADD	7266	1.264	0.1834	0.882	1.81	1.276	0.2021
16	rs62051025	84537707	T	ADD	6886	0.8909	0.08196	0.7587	1.046	-1.409	0.1588
16	rs965773	84537847	A	ADD	7263	1.02	0.08429	0.8648	1.203	0.2362	0.8133
16	rs16940113	84537948	T	ADD	7313	1.008	0.8683	0.1838	5.528	0.009163	0.9927
16	84538025	84538025	G	ADD	7280	1.023	0.0969	0.8461	1.237	0.2348	0.8144
16	rs731708	84538035	A	ADD	7234	0.9516	0.1499	0.7093	1.277	-0.3308	0.7408
16	84538040	84538040	T	ADD	7016	0.6518	0.2583	0.3929	1.081	-1.657	0.09751
16	rs731709	84538088	C	ADD	7282	1.024	0.09191	0.8552	1.226	0.2575	0.7968
16	84538106	84538106	T	ADD	7004	1.122	0.2497	0.6876	1.83	0.46	0.6455
16	84538380	84538380	0	ADD	7291	NA	NA	NA	NA	NA	NA
16	rs731707	84538469	C	ADD	7265	1.058	0.08238	0.8999	1.243	0.6795	0.4968
16	84538530	84538530	A	ADD	7287	0.8164	1.075	0.09936	6.708	-0.1888	0.8502
16	rs305089	84538531	T	ADD	7291	0.9929	0.04949	0.9011	1.094	-0.1442	0.8853
16	84538676	84538676	0	ADD	7290	NA	NA	NA	NA	NA	NA
16	84538740	84538740	T	ADD	7205	0.5305	1.018	0.07214	3.901	-0.6227	0.5335
16	84538942	84538942	G	ADD	7007	1.066	0.2046	0.7138	1.592	0.3119	0.7551
16	84538944	84538944	T	ADD	7301	3.65E-10	1.72E+04	0	inf	-0.001261	0.999
16	rs11643168	84538983	T	ADD	7258	0.9896	0.07082	0.8614	1.137	-0.1474	0.8828
16	rs305088	84539102	T	ADD	7248	0.9893	0.04444	0.9068	1.079	-0.2419	0.8089
16	84539195	84539195	C	ADD	7316	1.31E+09	2.44E+04	0	inf	0.0008612	0.9993
16	84539211	84539211	C	ADD	7300	1.363	1.226	0.1233	15.06	0.2524	0.8007
16	84539306	84539306	A	ADD	6314	1.085	0.08863	0.9119	1.291	0.9199	0.3576
16	rs305087	84539747	C	ADD	6903	0.8401	0.05607	0.7526	0.9377	-3.108	0.001884
16	rs7198504	84539802	C	ADD	6770	0.916	0.04223	0.8433	0.9951	-2.077	0.03779
16	rs9935237	84540017	G	ADD	6188	0.6834	0.3452	0.3474	1.344	-1.103	0.2702
16	rs305086	84540022	A	ADD	7312	1.022	0.04904	0.9281	1.125	0.4394	0.6604
16	rs8053060	84540490	A	ADD	5034	1.017	0.05481	0.9134	1.132	0.3077	0.7583
16	84540536	84540536	0	ADD	7318	NA	NA	NA	NA	NA	NA
16	84540547	84540547	0	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs6540234	84540557	T	ADD	7263	0.9895	0.04099	0.9131	1.072	-0.257	0.7972
16	rs8049187	84540779	T	ADD	5058	1.041	0.0447	0.9537	1.136	0.8997	0.3683
16	rs8062690	84540827	G	ADD	4988	0.9103	0.0596	0.81	1.023	-1.576	0.1149
16	rs8053604	84540842	T	ADD	4292	1.036	0.04862	0.9422	1.14	0.7349	0.4624
16	84541049	84541049	G	ADD	7305	3.49E-10	2.44E+04	0	inf	-0.0008933	0.9993
16	84541077	84541077	0	ADD	6990	NA	NA	NA	NA	NA	NA
16	84541142	84541142	G	ADD	7315	3.50E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	84541177	84541177	C	ADD	4169	0.919	0.04851	0.8357	1.011	-1.741	0.08164
16	84541179	84541179	T	ADD	4168	0.9201	0.04852	0.8366	1.012	-1.716	0.08617
16	84541180	84541180	C	ADD	4168	0.9201	0.04852	0.8366	1.012	-1.716	0.08617
16	rs2361768	84541181	G	ADD	4168	0.9201	0.04852	0.8366	1.012	-1.716	0.08617
16	84541385	84541385	A	ADD	7306	3.49E-10	2.44E+04	0	inf	-0.0008933	0.9993
16	84541450	84541450	G	ADD	7269	0.7239	1.425	0.04429	11.83	-0.2266	0.8207
16	rs55739703	84541492	G	ADD	7255	0.9399	0.1173	0.7468	1.183	-0.5289	0.5969
16	rs870614	84541516	A	ADD	5801	0.9662	0.05647	0.8649	1.079	-0.6094	0.5423
16	rs8047292	84541556	T	ADD	7314	0.6117	0.6361	0.1758	2.128	-0.7728	0.4396

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs908988	84542101	G	ADD	7289	0.9885	0.03966	0.9146	1.068	-0.2909	0.7711
16	rs8060078	84542153	T	ADD	7296	2.164	0.667	0.5854	7.998	1.157	0.2472
16	rs908987	84542390	T	ADD	6896	0.9898	0.04083	0.9137	1.072	-0.2499	0.8027
16	rs908986	84542429	G	ADD	7292	1.006	0.04025	0.9299	1.089	0.1556	0.8764
16	rs908985	84542503	T	ADD	7297	1.004	0.04025	0.9277	1.086	0.09462	0.9246
16	84542511	84542511	A	ADD	7293	0.7563	0.67	0.2034	2.812	-0.4169	0.6768
16	rs908984	84542530	T	ADD	7313	1.005	0.04023	0.9292	1.088	0.135	0.8926
16	rs57670691	84542583	A	ADD	7271	0.891	0.1122	0.7152	1.11	-1.029	0.3034
16	rs57396687	84542701	A	ADD	7275	0.9157	0.1133	0.7334	1.143	-0.777	0.4372
16	rs1915034	84542858	A	ADD	7303	1.019	0.04106	0.9403	1.105	0.4612	0.6447
16	rs4240807	84542862	A	ADD	7289	1.019	0.04107	0.9402	1.104	0.4585	0.6466
16	rs1915033	84542932	A	ADD	7273	1.007	0.04026	0.9305	1.09	0.1699	0.8651
16	84542936	84542936	T	ADD	7315	3.50E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	84542966	84542966	C	ADD	7315	3.50E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	rs4843871	84543036	G	ADD	7273	0.9952	0.03986	0.9204	1.076	-0.1215	0.9033
16	rs4843872	84543172	A	ADD	7298	1.003	0.0402	0.9275	1.086	0.0864	0.9311
16	84543226	84543226	A	ADD	7317	7.05E+08	2.44E+04	0	inf	0.0008357	0.9993
16	rs10863201	84543272	C	ADD	7057	0.9946	0.04051	0.9187	1.077	-0.1344	0.8931
16	rs58073431	84543416	C	ADD	7276	0.9068	0.1134	0.726	1.133	-0.8627	0.3883
16	rs59821663	84543420	A	ADD	7276	0.9068	0.1134	0.726	1.133	-0.8627	0.3883
16	84543445	84543445	O	ADD	7313	NA	NA	NA	NA	NA	NA
16	84543446	84543446	O	ADD	7313	NA	NA	NA	NA	NA	NA
16	rs59403904	84543458	T	ADD	7189	1.017	0.1354	0.7798	1.326	0.1226	0.9024
16	84543506	84543506	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	84543518	84543518	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs58189590	84543560	A	ADD	7270	0.9001	0.1132	0.7209	1.124	-0.93	0.3524
16	rs57426547	84543596	T	ADD	7270	0.9001	0.1132	0.7209	1.124	-0.93	0.3524
16	84543660	84543660	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs73268906	84544188	G	ADD	7270	0.9064	0.1134	0.7258	1.132	-0.8662	0.3864
16	rs73268908	84544290	A	ADD	7278	0.9126	0.1136	0.7305	1.14	-0.8052	0.4207
16	rs73268912	84544401	A	ADD	7273	0.9205	0.1133	0.7371	1.15	-0.7306	0.465
16	84544635	84544635	T	ADD	7272	0.5294	0.665	0.1438	1.949	-0.9565	0.3388
16	84544641	84544641	O	ADD	7316	NA	NA	NA	NA	NA	NA
16	84544743	84544743	G	ADD	7315	3.50E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	rs59120392	84544797	T	ADD	7281	0.9166	0.1135	0.7339	1.145	-0.7677	0.4427
16	rs57278440	84544999	C	ADD	7282	0.9164	0.1135	0.7337	1.145	-0.7692	0.4418
16	rs10863202	84545499	A	ADD	7198	1.004	0.04006	0.9278	1.086	0.08818	0.9297
16	rs8060960	84545861	T	ADD	7265	0.9904	0.04033	0.9151	1.072	-0.2404	0.81
16	rs8048151	84546099	C	ADD	7254	1.006	0.04067	0.9294	1.09	0.1587	0.8739
16	84546166	84546166	A	ADD	7277	0.5367	0.8868	0.09438	3.052	-0.7017	0.4829
16	84546175	84546175	A	ADD	7315	3.50E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	rs73268923	84546268	T	ADD	7280	0.9266	0.1138	0.7414	1.158	-0.6706	0.5025
16	84546359	84546359	A	ADD	7275	0.9147	0.1134	0.7324	1.142	-0.7865	0.4316
16	rs6540235	84546396	T	ADD	7274	0.9998	0.03991	0.9246	1.081	-0.00548	0.9956
16	84546553	84546553	O	ADD	7291	NA	NA	NA	NA	NA	NA
16	rs7186247	84546570	T	ADD	7269	0.9989	0.0399	0.9238	1.08	-0.02693	0.9785
16	84546654	84546654	G	ADD	7224	1.115	0.4624	0.4505	2.76	0.2354	0.8139
16	rs7199472	84546685	G	ADD	7307	0.9914	0.03977	0.9171	1.072	-0.2165	0.8286
16	rs11640143	84546965	C	ADD	7288	0.8332	0.07396	0.7208	0.9631	-2.468	0.0136
16	84547130	84547130	T	ADD	7247	1.264	1.45	0.07372	21.66	0.1614	0.8718
16	84547216	84547216	T	ADD	7318	1.528	1.157	0.1583	14.74	0.3664	0.714
16	rs4843873	84547276	A	ADD	7292	1.018	0.04011	0.9408	1.101	0.439	0.6607

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	84547352	84547352	A	ADD	7224	1.696	0.3949	0.7822	3.677	1.338	0.1809
16	rs4843874	84547399	C	ADD	7294	1.007	0.04006	0.9308	1.089	0.1687	0.866
16	rs4843875	84547443	T	ADD	5748	1.031	0.0575	0.9214	1.154	0.5363	0.5918
16	84547570	84547570	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	84547601	84547601	C	ADD	7278	0.5371	0.8869	0.09444	3.055	-0.7009	0.4834
16	rs73268928	84547653	G	ADD	7262	0.9453	0.1158	0.7534	1.186	-0.4855	0.6273
16	84547657	84547657	O	ADD	7288	NA	NA	NA	NA	NA	NA
16	rs11117426	84547768	C	ADD	7231	0.9168	0.05293	0.8265	1.017	-1.641	0.1009
16	84547926	84547926	C	ADD	7316	3.49E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	rs11117427	84548058	A	ADD	7189	0.9196	0.05343	0.8281	1.021	-1.569	0.1166
16	rs925992	84548081	T	ADD	7089	1.005	0.04061	0.9281	1.088	0.1229	0.9022
16	84548374	84548374	T	ADD	7317	3.49E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	84548382	84548382	C	ADD	7242	0.3549	0.7192	0.08668	1.453	-1.44	0.1497
16	rs8057009	84548424	G	ADD	7306	0.9939	0.04043	0.9182	1.076	-0.1521	0.8791
16	rs6540236	84548591	A	ADD	7216	1.014	0.04034	0.9369	1.097	0.3437	0.7311
16	rs12445476	84548770	G	ADD	7314	0.9114	0.05307	0.8214	1.011	-1.748	0.08044
16	84548866	84548866	G	ADD	7312	9.676	1.1	1.12	83.62	2.063	0.03915
16	84548901	84548901	T	ADD	5785	0.9434	0.1093	0.7615	1.169	-0.5336	0.5936
16	rs7185590	84549154	A	ADD	7272	1.435	0.3351	0.7438	2.767	1.077	0.2815
16	rs11642873	84549206	C	ADD	7254	0.913	0.05377	0.8217	1.014	-1.693	0.09054
16	84549320	84549320	C	ADD	6273	0.6738	0.2362	0.4241	1.071	-1.671	0.09463
16	rs6540238	84549328	A	ADD	7179	1.012	0.04033	0.935	1.095	0.2937	0.769
16	rs12444486	84550150	C	ADD	7217	0.9574	0.03631	0.8916	1.028	-1.2	0.2301
16	rs4843876	84550233	T	ADD	7311	1.003	0.03951	0.9284	1.084	0.07868	0.9373
16	rs11117428	84550330	C	ADD	7032	1.002	0.04333	0.9205	1.091	0.04722	0.9623
16	rs2361764	84550459	G	ADD	7185	1.005	0.03976	0.9299	1.087	0.1312	0.8956
16	84550594	84550594	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs2361763	84550635	T	ADD	7230	0.99	0.03714	0.9205	1.065	-0.2696	0.7874
16	rs2885364	84550691	A	ADD	7214	1.005	0.03973	0.9293	1.086	0.1141	0.9091
16	rs4843877	84550733	C	ADD	7198	0.9931	0.03976	0.9186	1.074	-0.1748	0.8612
16	rs35929052	84551985	T	ADD	7023	0.9792	0.07222	0.85	1.128	-0.2907	0.7713
16	rs908983	84552021	C	ADD	7307	1.015	0.03903	0.9403	1.096	0.3836	0.7013
16	rs883332	84552225	C	ADD	7315	1.047	0.2224	0.6774	1.62	0.2086	0.8348
16	rs34347181	84552262	O	ADD	7316	NA	NA	NA	NA	NA	NA
16	rs2049086	84552380	T	ADD	7040	1.002	0.04009	0.9259	1.083	0.03836	0.9694
16	rs908982	84552384	A	ADD	7059	1.001	0.03996	0.9256	1.083	0.02414	0.9807
16	84552424	84552424	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs8044852	84552728	A	ADD	7216	0.9868	0.0389	0.9143	1.065	-0.3421	0.7323
16	rs908981	84552926	T	ADD	7300	0.9925	0.03872	0.9199	1.071	-0.1952	0.8453
16	84552937	84552937	C	ADD	6860	0.778	0.08142	0.6632	0.9126	-3.084	0.002044
16	rs12446139	84553085	G	ADD	7300	0.9925	0.03872	0.9199	1.071	-0.1952	0.8453
16	84553110	84553110	C	ADD	7244	0.9538	0.1192	0.7551	1.205	-0.3971	0.6913
16	rs12919427	84553160	A	ADD	7300	0.9925	0.03872	0.9199	1.071	-0.1952	0.8453
16	rs12930405	84553163	C	ADD	7300	0.9925	0.03872	0.9199	1.071	-0.1952	0.8453
16	rs11642456	84553581	T	ADD	7299	0.9928	0.03872	0.9202	1.071	-0.1868	0.8518
16	84553752	84553752	T	ADD	7272	0.7246	1.425	0.04434	11.84	-0.226	0.8212
16	rs11649461	84553758	C	ADD	7077	0.9909	0.03899	0.918	1.07	-0.2345	0.8146
16	84553776	84553776	T	ADD	7306	1.507	0.6932	0.3875	5.865	0.5921	0.5538
16	rs11645398	84553796	G	ADD	7156	0.9981	0.03929	0.9242	1.078	-0.04732	0.9623
16	84554094	84554094	C	ADD	7314	4.25E-10	2.44E+04	0	inf	-0.0008852	0.9993
16	rs4843324	84554392	O	ADD	7304	NA	NA	NA	NA	NA	NA
16	rs11643829	84554502	C	ADD	4758	0.9972	0.0463	0.9107	1.092	-0.06034	0.9519

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs35615495	84554505	T	ADD	5263	0.9192	0.06241	0.8133	1.039	-1.351	0.1769
16	rs11640586	84554529	C	ADD	4359	1.112	0.05002	1.008	1.227	2.124	0.03364
16	rs59015387	84554628	A	ADD	7309	3.49E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	84554776	84554776	T	ADD	7250	2.333	0.9202	0.3843	14.17	0.9208	0.3571
16	rs12019053	84554782	G	ADD	5121	0.9127	0.06267	0.8072	1.032	-1.458	0.1448
16	84554944	84554944	C	ADD	3985	0.9708	0.05258	0.8758	1.076	-0.5632	0.5733
16	84554954	84554954	C	ADD	3573	0.9518	0.05931	0.8473	1.069	-0.8334	0.4046
16	rs11860050	84555097	A	ADD	5183	0.9128	0.06306	0.8067	1.033	-1.447	0.1478
16	84555268	84555268	O	ADD	7318	NA	NA	NA	NA	NA	NA
16	rs12446834	84555541	C	ADD	4639	0.9728	0.04635	0.8884	1.065	-0.5939	0.5526
16	rs55906426	84555779	C	ADD	6204	1.025	0.04569	0.9368	1.12	0.5301	0.596
16	rs12019051	84555863	G	ADD	4637	0.9733	0.04635	0.8887	1.066	-0.5843	0.559
16	84555917	84555917	O	ADD	7303	NA	NA	NA	NA	NA	NA
16	84556011	84556011	O	ADD	7308	NA	NA	NA	NA	NA	NA
16	rs16940146	84556487	G	ADD	7311	8.682	1.115	0.9753	77.28	1.938	0.05268
16	84556512	84556512	O	ADD	7317	NA	NA	NA	NA	NA	NA
16	rs34445961	84556804	G	ADD	4004	1.022	0.05084	0.9248	1.129	0.4228	0.6724
16	rs34256051	84556806	C	ADD	4029	1.012	0.05032	0.9173	1.117	0.2447	0.8067
16	84556855	84556855	T	ADD	7305	7.51E-10	1.65E+04	0	inf	-0.001276	0.999
16	rs62051883	84556897	A	ADD	7125	1.207	0.3463	0.6122	2.38	0.5432	0.587
16	rs59276136	84556910	A	ADD	4553	0.9694	0.04681	0.8844	1.063	-0.6641	0.5067
16	84557150	84557150	O	ADD	7310	NA	NA	NA	NA	NA	NA
16	rs11863308	84557298	T	ADD	7309	3.49E-10	2.44E+04	0	inf	-0.0008932	0.9993
16	84557332	84557332	C	ADD	6987	0.8494	0.3677	0.4132	1.746	-0.4439	0.6571
16	84557466	84557466	G	ADD	7309	6.79E-10	1.17E+04	0	inf	-0.001798	0.9986
16	rs12598292	84557532	T	ADD	5570	0.9395	0.2323	0.5959	1.481	-0.2688	0.7881
16	rs8053185	84557593	G	ADD	4379	0.9681	0.04794	0.8813	1.063	-0.6758	0.4992
16	rs12446659	84557863	T	ADD	4331	0.9617	0.04821	0.875	1.057	-0.8093	0.4183
16	rs35867147	84557883	A	ADD	5186	0.9132	0.06407	0.8054	1.035	-1.418	0.1562
16	84557898	84557898	O	ADD	7294	NA	NA	NA	NA	NA	NA
16	rs12446684	84557908	T	ADD	4356	0.9654	0.04805	0.8786	1.061	-0.7332	0.4634
16	rs12444385	84557964	A	ADD	4327	0.9612	0.04823	0.8745	1.057	-0.82	0.4122
16	84558091	84558091	C	ADD	4325	0.9622	0.04824	0.8754	1.058	-0.7992	0.4242
16	rs9924246	84558107	C	ADD	4325	0.9622	0.04824	0.8754	1.058	-0.7992	0.4242
16	84558180	84558180	C	ADD	3169	0.9573	0.05692	0.8562	1.07	-0.7672	0.443
16	84558188	84558188	C	ADD	3793	0.9856	0.05208	0.89	1.092	-0.2777	0.7813
16	rs9926350	84558192	A	ADD	2480	1.098	0.06687	0.9633	1.252	1.4	0.1614
16	rs9934574	84558465	T	ADD	5163	0.9133	0.06416	0.8054	1.036	-1.413	0.1577
16	rs9941263	84558545	G	ADD	4329	0.9632	0.04818	0.8764	1.059	-0.7788	0.4361
16	rs9934725	84558585	T	ADD	4328	0.9631	0.04818	0.8763	1.058	-0.7808	0.4349
16	84558619	84558619	T	ADD	7221	0.3551	0.7191	0.08673	1.454	-1.44	0.1499
16	rs9938885	84558713	G	ADD	4313	0.966	0.0483	0.8788	1.062	-0.7151	0.4745
16	rs11648475	84558762	G	ADD	3577	0.916	0.05171	0.8277	1.014	-1.697	0.08974
16	rs74032515	84558875	G	ADD	6987	0.8494	0.3677	0.4132	1.746	-0.4439	0.6571
16	rs74032517	84558990	O	ADD	7317	NA	NA	NA	NA	NA	NA
16	rs72807046	84559122	T	ADD	6428	0.7767	0.2166	0.508	1.188	-1.166	0.2434
16	84559204	84559204	C	ADD	7300	2.242	1.12	0.2499	20.12	0.7212	0.4708
16	84559353	84559353	A	ADD	7160	2.953	1.227	0.2667	32.7	0.8827	0.3774
16	rs11860004	84559380	A	ADD	3834	0.9305	0.06621	0.8173	1.059	-1.087	0.2769
16	rs34912238	84559404	T	ADD	6852	0.8858	0.05559	0.7943	0.9877	-2.182	0.02911
16	rs35655122	84559618	T	ADD	5208	0.919	0.06393	0.8107	1.042	-1.322	0.1862
16	rs11862493	84559626	C	ADD	5207	0.9207	0.06395	0.8122	1.044	-1.292	0.1964

CHR	SNP	BP	A1	TEST	NMISS	OR	SE	L95	U95	STAT	P
16	rs11859186	84559852	C	ADD	5013	0.9663	0.07091	0.8409	1.11	-0.4841	0.6283

Table S6. Replicating SNPs

SNP	Locus	Chr	Position (bp)	Meta		European				African-American			Asian			Gullah				Hispanic				Amerindian			
				$P_{META-ALL}^*$	Alleles (maj/min)	P_{OMAS}	$P_{REPLICATION}$	OR (95%CI)	$P_{META-EURO}$	Alleles (maj/min)	P	OR (95%CI)	Alleles (maj/min)	P	OR (95%CI)	Alleles (maj/min)	MAF (case/ctrl)	P	OR (95%CI)	Alleles (maj/min)	MAF (case/ctrl)	P	OR (95%CI)	Alleles (maj/min)	MAF (case/ctrl)	P	OR (95%CI)
rs1132200	TMEM39A	3	120633526	8.621E-09	G/A	1.53E-03	2.37E-04	0.83 (0.76-0.92)	1.81E-06	G/A	6.92E-02	0.75 (0.56-1.02)	G/A	1.66E-03	0.73 (0.59-0.89)	G/A	0.01/0.01	9.33E-01	1.07 (0.23-4.93)	G/A	0.08/0.09	1.50E-01	0.84 (0.66-1.07)	G/A	0.08/0.09	3.88E-01	1.27 (0.74-2.18)
rs9913957	IKZF3	17	35228025	1.391E-08	A/G	5.08E-04	5.14E-04	1.39 (1.15-1.66)	1.38E-05	A/G	1.07E-02	1.22 (1.05-1.41)	-	-	-	A/G	0.15/0.16	7.02E-01	0.91 (0.58-1.45)	A/G	0.04/0.03	5.27E-03	1.84 (1.20-2.81)	A/G	0.06/0.03	3.54E-01	1.32 (0.73-2.39)
rs8076347	IKZF3	17	35231067	3.013E-08	C/A	2.49E-05	3.04E-03	1.32 (1.1-1.58)	4.75E-05	C/A	2.19E-03	1.2 (1.07-1.34)	-	-	-	C/A	0.30/0.31	8.66E-01	0.97 (0.68-1.39)	C/A	0.06/0.05	2.51E-02	1.50 (1.05-2.14)	C/A	0.06/0.03	3.17E-01	1.34 (0.76-2.36)
rs8079075	IKZF3	17	35264341	4.829E-09	A/G	4.23E-05	5.08E-04	1.39 (1.16-1.68)	3.81E-06	A/G	2.62E-03	1.26 (1.08-1.46)	-	-	-	A/G	0.17/0.16	8.35E-01	1.05 (0.67-1.65)	A/G	0.04/0.02	4.68E-02	1.55 (1.01-2.39)	A/G	0.06/0.03	5.31E-01	1.21 (0.66-2.22)
rs1453560	ZBP2	17	35276967	3.48E-10	A/C	2.76E-05	6.42E-04	1.37 (1.14-1.64)	3.21E-06	A/C	4.86E-04	1.23 (1.09-1.37)	-	-	-	A/C	0.32/0.31	7.48E-01	1.06 (0.74-1.51)	A/C	0.06/0.05	2.27E-02	1.51 (1.06-2.14)	A/C	0.07/0.03	3.30E-01	1.31 (0.76-2.27)
rs454232	LOC730109/IL12A	3	161214725	-	G/A	1.49E-04	4.92E-05	0.86 (0.81-0.93)	4.50E-07	G/A	1.03E-01	1.09 (0.98-1.21)	G/A	7.83E-01	0.98 (0.86-1.13)	G/A	0.45/0.50	2.70E-01	0.83 (0.59-1.16)	G/A	0.35/0.36	7.99E-02	0.88 (0.76-1.02)	G/A	0.31/0.37	2.79E-01	0.85 (0.63-1.15)
rs669003	LOC730109/IL12A	3	161214579	-	A/G	1.24E-04	1.15E-04	0.87 (0.81-0.93)	1.02E-06	A/G	1.22E-01	1.08 (0.98-1.2)	A/G	7.25E-01	0.98 (0.85-1.12)	A/G	0.45/0.50	2.67E-01	0.82 (0.59-1.16)	A/G	0.35/0.36	5.46E-02	0.87 (0.75-1.00)	A/G	0.31/0.39	8.77E-02	0.78 (0.58-1.04)
rs485499	LOC730109/IL12A	3	161228557	-	A/G	1.20E-04	1.47E-04	0.87 (0.81-0.94)	1.31E-06	A/G	9.89E-01	1 (0.85-1.17)	A/G	7.91E-01	0.98 (0.82-1.17)	A/G	0.09/0.11	4.65E-01	0.81 (0.46-1.42)	A/G	0.22/0.25	1.37E-02	0.82 (0.70-0.96)	A/G	0.19/0.27	3.36E-01	0.82 (0.55-1.22)
rs2940712	C10orf64	10	49726454	-	G/A	1.94E-03	8.73E-04	0.88 (0.82-0.95)	1.62E-05	G/A	8.63E-01	1.01 (0.91-1.12)	A/G	3.46E-03	1.19 (1.06-1.34)	G/A	0.39/0.42	4.73E-01	0.88 (0.63-1.24)	G/A	0.33/0.36	4.08E-01	0.94 (0.81-1.09)	A/G	0.36/0.35	4.39E-01	0.89 (0.66-1.20)
rs7542235	CFHR1	1	19500236	-	A/G	1.44E-03	1.10E-03	1.15 (1.06-1.25)	1.85E-05	A/G	5.12E-03	1.16 (1.05-1.28)	A/G	4.11E-01	1.09 (0.88-1.35)	A/G	0.40/0.37	5.38E-01	1.12 (0.79-1.58)	A/G	0.16/0.16	3.02E-01	1.11 (0.91-1.34)	A/G	0.15/0.13	6.72E-02	1.49 (0.97-2.27)
rs7039790	D	9	18853560	-	C/A	4.12E-04	1.14E-03	1.27 (1.1-1.47)	2.38E-05	C/A	1.74E-01	0.93 (0.84-1.03)	C/A	8.55E-01	1.02 (0.86-1.19)	A/C	0.55/0.55	9.23E-01	1.02 (0.72-1.43)	C/A	0.09/0.11	9.49E-01	0.99 (0.77-1.28)	C/A	0.07/0.07	7.57E-01	0.92 (0.55-1.55)
rs7631930	LPP	3	189524723	-	A/G	9.10E-03	1.66E-03	1.15 (1.05-1.25)	2.71E-05	A/G	8.33E-01	1.01 (0.91-1.12)	G/A	6.66E-01	1.03 (0.91-1.15)	A/G	0.37/0.39	7.41E-01	0.94 (0.66-1.35)	A/G	0.42/0.36	8.46E-01	1.02 (0.87-1.18)	A/G	0.45/0.42	6.58E-01	1.07 (0.81-1.41)
rs11855819	TMCO5	15	35966388	-	G/A	1.86E-03	6.58E-03	0.86 (0.77-0.96)	3.48E-05	G/A	9.35E-01	1.01 (0.77-1.32)	G/A	8.03E-01	1.02 (0.88-1.18)	A/G	0.04/0.04	7.74E-01	1.14 (0.47-2.73)	-	-	-	-	-	-	-	-
rs749373	STXBP6	14	24343206	-	A/G	2.30E-03	2.32E-03	1.16 (1.05-1.27)	5.26E-05	A/G	3.65E-01	0.95 (0.86-1.06)	A/G	5.19E-01	0.94 (0.78-1.13)	A/G	0.39/0.40	7.61E-01	0.95 (0.66-1.36)	A/G	0.15/0.19	2.61E-01	0.90 (0.74-1.08)	A/G	0.14/0.14	7.62E-01	1.06 (0.71-1.58)
rs1075059	LOC63920	5	159758376	-	A/C	7.89E-03	7.26E-03	0.91 (0.85-0.97)	5.27E-05	A/C	2.67E-01	0.94 (0.85-1.05)	A/C	5.64E-01	1.05 (0.89-1.24)	A/C	0.35/0.28	1.24E-01	1.35 (0.92-1.98)	A/C	0.43/0.46	2.02E-02	0.84 (0.73-0.97)	A/C	0.40/0.47	1.88E-02	0.72 (0.55-0.95)
rs10790605	OR9D4	11	123279835	-	G/A	1.30E-02	4.35E-03	0.88 (0.81-0.96)	5.39E-05	G/A	8.75E-01	1.01 (0.87-1.16)	G/A	9.87E-01	1 (0.86-1.16)	G/A	0.12/0.12	8.58E-01	1.05 (0.62-1.76)	G/A	0.12/0.14	5.78E-01	0.94 (0.77-1.16)	G/A	0.13/0.14	6.44E-01	0.91 (0.60-1.37)
rs11895321	SLIT7	5	159778988	-	A/C	7.06E-03	3.11E-03	1.11 (1.04-1.19)	6.09E-05	A/C	1.94E-02	1.17 (1.03-1.33)	A/C	4.42E-01	1.06 (0.91-1.25)	A/C	0.16/0.19	3.60E-01	0.81 (0.51-1.28)	A/C	0.35/0.32	2.06E-02	1.19 (1.03-1.39)	A/C	0.37/0.32	2.53E-01	1.19 (0.88-1.61)
rs10831318	SESN3	11	94585583	-	G/A	6.05E-03	3.29E-03	1.12 (1.04-1.2)	7.55E-05	G/A	5.39E-01	0.95 (0.81-1.11)	G/A	5.75E-01	1.04 (0.91-1.19)	G/A	0.06/0.08	3.04E-01	0.69 (0.34-1.40)	G/A	0.33/0.30	4.69E-02	1.17 (1.00-1.36)	G/A	0.33/0.28	2.25E-01	1.21 (0.89-1.64)
rs9310002	CADM2	3	86306105	-	G/A	3.06E-04	6.12E-03	1.39 (1.1-1.76)	8.30E-05	-	4.64E-01	0.91 (0.70-1.18)	G/A	9.01E-03	0.74 (0.59-0.93)	G/A	0.03/0.03	8.33E-01	1.12 (0.40-3.16)	G/A	0.04/0.04	9.32E-01	1.02 (0.72-1.43)	G/A	0.04/0.03	5.00E-01	1.29 (0.61-2.72)
rs7960162	FAM19A2	12	60498125	-	A/G	1.30E-02	4.31E-03	0.87 (0.79-0.96)	9.79E-05	-	5.35E-01	1.09 (0.83-1.42)	A/G	3.99E-01	0.86 (0.60-1.23)	A/G	0.03/0.03	7.52E-01	1.17 (0.45-3.04)	A/G	0.11/0.13	3.02E-01	0.90 (0.73-1.11)	A/G	0.10/0.12	4.89E-01	0.86 (0.56-1.33)

a: Data for all ethnic groups.

Table S7. Reference Panels Used for Imputation

Populations	Panel 1	Panel 2
African-Americans	25 SLE cases 21 controls	-
Asians	CHB+JPT 1000 Genomes	CHB+JPT HapMap3
Europeans	92 SLE cases 114 controls	-

CHB: Han Chinese in Beijing, China, JPT: Japanese in Tokyo, Japan